

Sequencing granted in the context of the GABI-bee project
to the GABI-bee project. The GABI-bee project is managed by:
Christian Jung; Sequence submission managed by:
RZPD/GABI-Primary database: <http://gabi.rzpd.de>"

BASE COUNT 1 a 0.84; Score 10.8; DB 1; Length 15;
 8 c 2 g 4 t
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Query Match 0.84; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.74; Pred. No. 5.5;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1098 CGAGCTTCACCTTC 111
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DB 2 CCAACCTCCCTTC 15

Search completed: December 17, 2003, 11:26:55
Job time : 0.001 secs

C 253	13.2	0.9	1.8	1	US-10-012-7594A-467	Sequence 467, App	C 326	13	0.9	1.7	1	US-10-197-185-97	Sequence 27, App
C 255	13.2	0.9	1.8	1	US-10-013-910A-467	Sequence 467, App	C 328	13	0.9	1.7	1	US-10-156-306-1421	Sequence 1421, App
C 257	13.2	0.9	1.8	1	US-10-013-910A-467	Sequence 467, App	C 330	13	0.9	1.7	1	US-10-156-306-1422	Sequence 1422, App
C 257	13.2	0.9	1.8	1	US-10-013-912A-467	Sequence 467, App	C 330	13	0.9	1.7	1	US-10-016-6528B-1	Sequence 1, App
C 258	13.2	0.9	1.8	1	US-10-015-610A-467	Sequence 467, App	C 331	13	0.9	1.8	1	US-10-116-325-1	Sequence 1, App
C 259	13.2	0.9	1.8	1	US-10-015-653A-467	Sequence 467, App	C 332	12.8	0.9	1.8	1	US-08-591-1868-185	Sequence 185, App
C 260	13.2	0.9	1.8	1	US-10-015-671A-467	Sequence 467, App	C 333	12.8	0.9	1.8	1	US-09-650-514-13	Sequence 440, App
C 261	13.2	0.9	1.8	1	US-10-015-671A-467	Sequence 467, App	C 334	12.8	0.9	1.8	1	US-09-650-514-13	Sequence 440, App
C 262	13.2	0.9	1.8	1	US-10-012-237A-467	Sequence 467, App	C 335	12.8	0.9	1.8	1	US-10-027-637-59004	Sequence 59004, A
C 262	13.2	0.9	1.8	1	US-10-013-906A-467	Sequence 467, App	C 336	12.8	0.9	1.7	1	US-09-866-107-32	Sequence 32, App
C 264	13.2	0.9	1.8	1	US-10-013-986A-467	Sequence 467, App	C 337	12.8	0.9	1.7	1	US-09-866-108-33	Sequence 33, App
C 266	13.2	0.9	1.8	1	US-10-015-715A-467	Sequence 467, App	C 339	12.8	0.9	1.7	1	US-09-866-108-1231	Sequence 1231, App
C 267	13.2	0.9	1.8	1	US-10-012-753A-467	Sequence 467, App	C 340	12.8	0.9	1.7	1	US-09-866-108-1534	Sequence 1524, App
C 268	13.2	0.9	1.8	1	US-10-013-385A-467	Sequence 467, App	C 341	12.8	0.9	1.7	1	US-09-866-108-1535	Sequence 1524, App
C 268	13.2	0.9	1.8	1	US-10-012-386A-467	Sequence 467, App	C 342	12.8	0.9	1.7	1	US-09-866-108-7704	Sequence 2704, App
C 269	13.2	0.9	1.8	1	US-10-013-915A-467	Sequence 467, App	C 344	12.8	0.9	1.7	1	US-09-866-107-5514	Sequence 6514, App
C 272	13.2	0.9	1.8	1	US-10-015-394A-467	Sequence 467, App	C 345	12.8	0.9	1.7	1	US-09-866-107-5515	Sequence 6514, App
C 272	13.2	0.9	1.8	1	US-10-015-519A-467	Sequence 467, App	C 346	12.8	0.9	1.7	1	US-09-866-108-8082	Sequence 8082, App
C 275	13.2	0.9	1.8	1	US-10-015-390A-467	Sequence 467, App	C 348	12.8	0.9	1.7	1	US-09-866-108-1113	Sequence 8113, App
C 276	13.2	0.9	1.8	1	US-10-006-746A-467	Sequence 467, App	C 349	12.8	0.9	1.7	1	US-09-866-108-9445	Sequence 9445, App
C 277	13.2	0.9	1.8	1	US-10-369-324-747	Sequence 747, App	C 350	12.8	0.9	1.7	1	US-09-866-108-9446	Sequence 9446, App
C 279	13.2	0.9	1.8	1	US-10-006-818A-467	Sequence 467, App	C 352	12.8	0.9	1.7	1	US-09-866-107-446	Sequence 118, App
C 280	13.2	0.9	1.8	1	US-10-015-393A-467	Sequence 467, App	C 353	12.8	0.9	1.7	1	US-09-872-462-151	Sequence 151, App
C 281	13.2	0.9	1.8	1	US-10-015-689A-467	Sequence 467, App	C 354	12.8	0.9	1.7	1	US-09-872-462-153	Sequence 153, App
C 282	13.2	0.9	1.8	1	US-10-015-312A-467	Sequence 467, App	C 355	12.8	0.9	1.7	1	US-09-864-788-101	Sequence 8101, App
C 283	13.2	0.9	1.8	1	US-10-006-117A-467	Sequence 467, App	C 357	12.8	0.9	1.7	1	US-09-864-787-1632	Sequence 1632, App
C 285	13.2	0.9	1.8	1	US-10-017-557A-467	Sequence 467, App	C 358	12.8	0.9	1.7	1	US-09-864-785-2872	Sequence 2872, App
C 286	13.2	0.9	1.8	1	US-10-007-194A-467	Sequence 467, App	C 360	12.8	0.9	1.7	1	US-09-861-077-118	Sequence 118, App
C 288	13.2	0.9	1.8	1	US-10-011-671A-467	Sequence 467, App	C 362	12.8	0.9	1.7	1	US-09-861-077-156	Sequence 756, App
C 289	13.2	0.9	1.8	1	US-10-013-430A-467	Sequence 467, App	C 363	12.8	0.9	1.7	1	US-09-780-533A-879	Sequence 879, App
C 290	13.2	0.9	1.8	1	US-10-012-785A-467	Sequence 467, App	C 364	12.8	0.9	1.7	1	US-09-780-533A-958	Sequence 958, App
C 293	13.2	0.9	1.8	1	US-10-024-98A-127	Sequence 127, App	C 365	12.8	0.9	1.7	1	US-09-780-533A-1500	Sequence 1500, App
C 295	13.2	0.9	1.8	1	US-10-006-768A-467	Sequence 467, App	C 367	12.8	0.9	1.7	1	US-09-877-477-712	Sequence 712, App
C 296	13.2	0.9	1.8	1	US-10-020-063A-467	Sequence 467, App	C 368	12.8	0.9	1.7	1	US-09-877-477-713	Sequence 713, App
C 297	13.2	0.9	1.8	1	US-10-006-063A-467	Sequence 467, App	C 369	12.8	0.9	1.7	1	US-09-877-477-711	Sequence 711, App
C 298	13.2	0.9	1.8	1	US-10-011-893A-467	Sequence 467, App	C 371	12.8	0.9	1.7	1	US-09-877-477-1741	Sequence 1741, App
C 300	13.2	0.9	1.8	1	US-10-015-822A-467	Sequence 467, App	C 372	12.8	0.9	1.7	1	US-09-877-477-2527	Sequence 2527, App
C 302	13.2	0.9	1.8	1	US-10-015-822A-467	Sequence 467, App	C 373	12.8	0.9	1.7	1	US-09-848-754A-1032	Sequence 1032, App
C 305	13.2	0.9	1.8	1	US-10-025-031A-035	Sequence 31, App	C 375	12.8	0.9	1.7	1	US-09-848-754A-1032	Sequence 1032, App
C 306	13	0.9	1.6	1	US-09-882-945A-280	Sequence 280, App	C 377	12.8	0.9	1.7	1	US-09-848-754A-1034	Sequence 1034, App
C 307	13	0.9	1.7	1	US-09-985-807-27	Sequence 27, App	C 379	12.8	0.9	1.7	1	US-09-985-807-27	Sequence 27, App
C 308	13	0.9	1.7	1	US-09-985-807-27	Sequence 27, App	C 380	12.8	0.9	1.7	1	US-09-985-807-27	Sequence 27, App
C 310	13	0.9	1.7	1	US-09-780-533A-1552	Sequence 1552, App	C 381	12.8	0.9	1.7	1	US-09-776-474-604	Sequence 604, App
C 311	13	0.9	1.7	1	US-09-780-533A-1552	Sequence 1552, App	C 382	12.8	0.9	1.7	1	US-09-776-474-604	Sequence 604, App
C 312	13	0.9	1.7	1	US-09-780-533A-1395	Sequence 1395, App	C 384	12.8	0.9	1.7	1	US-09-740-332-1189	Sequence 1189, App
C 313	13	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App	C 385	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 314	13	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App	C 386	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 315	13	0.9	1.7	1	US-09-740-332-1352	Sequence 1352, App	C 388	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 316	13	0.9	1.7	1	US-09-740-332-1353	Sequence 1353, App	C 389	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 317	13	0.9	1.7	1	US-09-817-879-1351	Sequence 1351, App	C 390	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 318	13	0.9	1.7	1	US-09-817-879-1351	Sequence 1351, App	C 391	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
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C 320	13	0.9	1.7	1	US-09-817-879-1353	Sequence 1353, App	C 393	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 321	13	0.9	1.7	1	US-09-817-879-1354	Sequence 1354, App	C 394	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
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C 324	13	0.9	1.7	1	US-09-817-879-1354	Sequence 1354, App	C 397	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App
C 325	13	0.9	1.7	1	US-10-060-756A-473	Sequence 473, App	C 398	12.8	0.9	1.7	1	US-09-740-332-1351	Sequence 1351, App

399	12.8	0.9	17	1	US-09-740-332-3495	Sequence 3495, Ap	C 472	12.8	0.9	18	1	US-10-067-1125-11	Sequence 11, Ap
401	12.8	0.9	17	1	US-09-740-332-3639	Sequence 3639, Ap	C 473	12.8	0.9	18	1	US-10-122-0133-26	Sequence 26, Ap
402	12.8	0.9	17	1	US-09-740-332-3677	Sequence 3677, Ap	C 474	12.8	0.9	18	1	US-10-265-8793-10	Sequence 10, Ap
404	12.8	0.9	17	1	US-09-745-2376-753	Sequence 753, Ap	C 475	12.8	0.9	18	1	US-10-265-8689-45	Sequence 45, Ap
405	12.8	0.9	17	1	US-09-745-2376-1128	Sequence 1128, Ap	C 477	12.6	0.9	26	1	US-10-006-9728-32	Sequence 32, Ap
406	12.8	0.9	17	1	US-09-745-2376-1357	Sequence 1357, Ap	C 478	12.6	0.9	26	1	US-10-024-336-6	Sequence 6, Ap
408	12.8	0.9	17	1	US-10-238-700-43	Sequence 43, Ap	C 479	12.4	0.9	14	1	US-09-882-9454-282	Sequence 282, Ap
409	12.8	0.9	17	1	US-10-238-700-458	Sequence 458, Ap	C 481	12.4	0.9	15	1	US-09-254-523D-386	Sequence 386, Ap
410	12.8	0.9	17	1	US-10-238-700-668	Sequence 668, Ap	C 482	12.4	0.9	15	1	US-09-880-313K-45	Sequence 45, Ap
411	12.8	0.9	17	1	US-10-238-700-2492	Sequence 2492, Ap	C 483	12.4	0.9	15	1	US-09-880-313K-137	Sequence 137, Ap
413	12.8	0.9	17	1	US-10-061-201-1476	Sequence 1476, Ap	C 484	12.4	0.9	15	1	US-09-726-4729-203	Sequence 203, Ap
414	12.8	0.9	17	1	US-10-061-201-2094	Sequence 2094, Ap	C 486	12.4	0.9	15	1	US-10-076-047K-229	Sequence 229, Ap
415	12.8	0.9	17	1	US-10-061-201-2095	Sequence 2095, Ap	C 487	12.4	0.9	15	1	US-10-056-414-105	Sequence 105, Ap
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418	12.8	0.9	17	1	US-09-817-879-153	Sequence 153, Ap	C 490	12.4	0.9	15	1	US-10-125-233-333	Sequence 333, Ap
419	12.8	0.9	17	1	US-09-817-879-525	Sequence 525, Ap	C 491	12.4	0.9	15	1	US-10-287-919-1670	Sequence 1670, Ap
421	12.8	0.9	17	1	US-09-817-879-561	Sequence 561, Ap	C 492	12.4	0.9	15	1	US-10-287-919-3329	Sequence 3329, Ap
422	12.8	0.9	17	1	US-09-817-879-597	Sequence 597, Ap	C 493	12.4	0.9	15	1	US-10-025-926-123	Sequence 123, Ap
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424	12.8	0.9	17	1	US-09-817-879-1334	Sequence 1334, Ap	C 496	12.4	0.9	17	1	US-09-866-108-629	Sequence 629, Ap
425	12.8	0.9	17	1	US-09-817-879-1092	Sequence 1092, Ap	C 497	12.4	0.9	17	1	US-09-866-108-630	Sequence 630, Ap
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428	12.8	0.9	17	1	US-09-817-879-3458	Sequence 3458, Ap	C 501	12.4	0.9	17	1	US-09-866-108-2703	Sequence 2703, Ap
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431	12.8	0.9	17	1	US-10-060-627	Sequence 627, Ap	C 505	12.4	0.9	17	1	US-09-866-108-2745	Sequence 2745, Ap
432	12.8	0.9	17	1	US-10-060-628	Sequence 628, Ap	C 506	12.4	0.9	17	1	US-09-866-108-7322	Sequence 7322, Ap
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468	12.8	0.9	17	1	US-10-156-306-1303	Sequence 1303, Ap	C 543	12.4	0.9	17	1	US-09-827-998-793	Sequence 793, Ap
469	12.8	0.9	17	1	US-10-156-306-1303	Sequence 1303, Ap	C 544	12.4	0.9	17	1	US-09-827-998-793	Sequence 793, Ap
470	12.8	0.9	17	1	US-10-156-306-1303	Sequence 1303, Ap	C 545	12.4	0.9	17	1	US-09-827-998-793	Sequence 793, Ap
471	12.8	0.9	17	1	US-10-156-306-1303	Sequence 1303, Ap	C 546	12.4	0.9	17	1	US-09-827-998-793	Sequence 793, Ap


```

/ APPLICANT: McCarthy, Jeannette J.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: NMI-172C61
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 72
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-72

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1104 TACTCTCTCAACCCGACCCGCTTCGCA 1134
31 TACTCTCTCAACCCGACCCGCTTCGCA 1

RESULT 6
US-09-779-152-74
/ Sequence 74, Application US/09779152
/ FILE REFERENCE: NMI-172C61
/ CURRENT APPLICATION NUMBER: US/09779,152
/ PRIOR FILING DATE: 1997-07-10
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SEQ ID NO 74
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-74

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1104 TACTCTCTCAACCCGACCCGCTTCGCA 1134
31 TACTCTCTCAACCCGACCCGCTTCGCA 1

RESULT 7
US-09-779-152-109
/ Sequence 109, Application US/09779152
/ FILE REFERENCE: NMI-172C61
/ CURRENT APPLICATION NUMBER: US/09779,152
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 74
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-109

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1104 TACTCTCTCAACCCGACCCGCTTCGCA 1134
31 TACTCTCTCAACCCGACCCGCTTCGCA 1

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/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 109
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-109

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

457 GAGAGCGTACATATCTATCTATCCCAATGCC 487
1 GAGAGCGTACATATCTATCTATCCCAATGCC 31

RESULT 8
US-10-023-610-68/C
/ Sequence 68, Application US/10023610
/ Publication No. US20030023059A1
/ GENERAL INFORMATION:
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: NIA-005.03
/ CURRENT APPLICATION NUMBER: US/10/023,610
/ PRIOR FILING DATE: 2000-10-10
/ PRIOR APPLICATION NUMBER: 09/586,106
/ EARLIER FILING DATE: 2000-10-10
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1997-07-10
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 70
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Human
US-10-023-610-70

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1104 TACTCTCTCAACCCGACCCGCTTCGCA 1134
31 TACTCTCTCAACCCGACCCGCTTCGCA 1

RESULT 9
US-10-023-610-70
/ Sequence 70, Application US/10023610
/ Publication No. US20030023059A1
/ GENERAL INFORMATION:
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: NIA-005.03
/ CURRENT APPLICATION NUMBER: US/10/023,610
/ PRIOR FILING DATE: 2001-12-17
/ PRIOR APPLICATION NUMBER: 09/586,106
/ EARLIER FILING DATE: 2000-10-10
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1997-07-10
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 70
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Human
US-10-023-610-70

Query Match
Best Local Similarity: 96.8%; Pred. No. 17;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1104 TACTCTCTCAACCCGACCCGCTTCGCA 1134
31 TACTCTCTCAACCCGACCCGCTTCGCA 1

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/ Sequence 107, Application US/09779152
/ Publication No. US2003044782A1
/ GENERAL INFORMATION:
/ APPLICANT: Odcova, Jose M.
/ APPLICANT: Odcova, Jose M.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: NMI-17C32
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIORITY FILING DATE: 2001-02-08
/ PRIORITY FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 107
/ SEQ ID NO 107
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-107

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 28;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGCTACATCTGATCGCCCAATGCC 487
DB 31 GAGAGCGCTACATCTGATCGCCCAATGCC 1

RESULT 15
US-09-779-152-111/c
/ Sequence 111, Application US/09779152
/ Publication No. US2003044782A1
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ APPLICANT: Odcova, Jose M.
/ TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
/ FILE REFERENCE: NMI-17C32
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIORITY FILING DATE: 1997-07-10
/ PRIORITY FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 111
/ SEQ ID NO 111
/ TYPE: DNA
/ ORGANISM: Human
US-09-779-152-111

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 28;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGCTACATCTGATCGCCCAATGCC 487
DB 31 GAGAGCGCTACATCTGATCGCCCAATGCC 1

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/ EARLIER FILING DATE: 2000-10-10
/ EARLIER APPLICATION NUMBER: 09/032,894
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 107
/ SEQ ID NO 107
/ TYPE: DNA
/ ORGANISM: Human
US-10-023-610-107

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 28;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGCTACATCTGATCGCCCAATGCC 487
DB 31 GAGAGCGCTACATCTGATCGCCCAATGCC 1

RESULT 17
US-10-023-610-111/c
/ Sequence 111, Application US/10023610
/ Publication No. US2003014786A1
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: SR-ET NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: NMI-005,03
/ CURRENT APPLICATION NUMBER: US/10/023,610
/ PRIORITY FILING DATE: 2001-12-17
/ EARLIER APPLICATION NUMBER: 09/686,106
/ EARLIER FILING DATE: 2000-10-10
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 111
/ SEQ ID NO 111
/ TYPE: DNA
/ ORGANISM: Human
US-10-023-610-111

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 28;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGCTACATCTGATCGCCCAATGCC 487
DB 31 GAGAGCGCTACATCTGATCGCCCAATGCC 1

RESULT 18
US-10-024-396-6
/ Sequence 6, Application US/10024396
/ Publication No. US2003014786A1
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: R18-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ PRIORITY FILING DATE: 2001-12-18
/ PRIORITY FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 91
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 6
/ SEQ ID NO 6
/ TYPE: DNA
/ ORGANISM: Human
/ OTHER INFORMATION: PCR Probe
US-10-024-396-6

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Schultz396-3_169_1594.rnpb

```

Query Match      1.5% Score 22; DB 1; Length 20
Best Local Similarity 100.0%; Pred. No. 51;
Matches 22; Conservative 0; Mismatches 0; Indels 0
QY      1088 TCTTTCCTCCATCCTCACTT 1109
DB       1 TATTTCCTCCCATCCTCACTT 22

```

RESULT 21
 US-10-033-300-13
 Application US/10033300
 Publication No. US20030027159A1
 GENERAL INFORMATION:
 INVENTOR: KANG, Seung
 APPLICANT: Samsung Electronics Co., Ltd.
 ATTORNEY: Schlichter, Gary A.
 TITLE OF INVENTION: A ONE-STEP ASSAY FOR HIGH THROUGHPUT DETECTION OF
 POLYMERIZATION OF POLYMERIZABLE MONOMERS
 FILE REFERENCE: 20070171092
 CURRENT FILING DATE: 2001-10-15
 PRIORITY DATE: 2000-10-27/283,952
 PRIOR FILING DATE: 2000-10-27/283,952
 PRIOR APPLICATION NUMBER: 60/250,434
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 13
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURES: Location: 1
 NAME/DEF: modified_base
 LOCATION: (1)

```

QY      1089  GTCCTGTTTCCAGCGGTGGT 1109
DB      2  GTTCTCCCCCATCCTCAATT 22

RESULT 22
US-10-024-396-4
Sequence #, Application US/10024396
Accession Number US/000507478641
GENERAL INFORMATION
TITLE OR INTERVIEW MATHEMATIC MODULATION OF CD33GL EXPRESSION
CURRENT APPLICATION NUMBER: US/10/024,966
CURRENT FILING DATE: 2001-12-15
SRD ID NO. SEQ ID NOS: 91
LENGTH: 20
TYPES: DNA
ORIGIN: Artificial Sequence
FEATURES:
OTHER INFORMATION: PCR Primer

Query Match          1.4% Score 20; DB 1; Length 20;
Basic Local Similarity 100.0%; Pval No. 68;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0

T16 CAGCGCTTGTCACGCGGTGGT 735

```

Db 1 CTGGGCGCTTCACGGGCTTC 20

RESULT 23

US-10-024-396-17/c

/ Sequence 17, Application US/10024396

/ Publication No. US200301478641

/ APPLICANT: Kenneth W. Dobie

/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36EL EXPRESSION

/ FILE REFERENCE: RTS-0339

/ CURRENT APPLICATION NUMBER: US/10/024,396

/ CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91

/ SEQ ID NO 17

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-396-17

Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 TCGCTCATGACGACGACGACGCT 188
DB 20 TCGCTCATGACGACGACGACGCT 1

RESULT 24

US-10-024-396-18/c

/ Sequence 18, Application US/10024396

/ Publication No. US200301478641

/ APPLICANT: Kenneth W. Dobie

/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36EL EXPRESSION

/ FILE REFERENCE: RTS-0339

/ CURRENT APPLICATION NUMBER: US/10/024,396

/ CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91

/ SEQ ID NO 18

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-396-18

Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 TGAAGCGCGCAAGGCTCCG 324
DB 20 TGAAGCGCGCAAGGCTCCG 1

RESULT 25

US-10-024-396-19/c

/ Sequence 19, Application US/10024396

/ Publication No. US200301478641

/ APPLICANT: Kenneth W. Dobie

/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36EL EXPRESSION

/ FILE REFERENCE: RTS-0339

/ CURRENT APPLICATION NUMBER: US/10/024,396

/ CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91

/ SEQ ID NO 19

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-396-19

Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 336 CGGAGCGCTTCGCTTCACGG 355
DB 20 CGGAGCGCTTCGCTTCACGG 1

RESULT 26

US-10-024-396-20/c

/ Sequence 20, Application US/10024396

/ Publication No. US200301478641

/ APPLICANT: Kenneth W. Dobie

/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36EL EXPRESSION

/ FILE REFERENCE: RTS-0339

/ CURRENT APPLICATION NUMBER: US/10/024,396

/ CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91

/ SEQ ID NO 20

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-396-20

Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 344 AGCTGTCACGGGACGCTCAG 363
DB 20 AGCTGTCACGGGACGCTCAG 1

RESULT 27

US-10-024-396-21/c

/ Sequence 21, Application US/10024396

/ Publication No. US200301478641

/ APPLICANT: Kenneth W. Dobie

/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36EL EXPRESSION

/ FILE REFERENCE: RTS-0339

/ CURRENT APPLICATION NUMBER: US/10/024,396

/ CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91

/ SEQ ID NO 21

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-396-21

Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 370 AGCAATGCTCCGCTTCACG 389
DB 20 AGCAATGCTCCGCTTCACG 1

RESULT 28

US-10-024-396-22/c

/ Sequence 22, Application US/10024396


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/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-27

Query Match
Best Local Similarity 1.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db
572 ACTCGGCTTCATGACGAC 591
20 ACTCGGCTTCATGACGAC 1

RESULT 34
US-10-024-396-28/C
/ Sequence 28, Application US/10024396
/ Publication No. US20030147864A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
/ FILE REFERENCE: RTS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 28
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-28

Query Match
Best Local Similarity 1.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db
592 ACTGGGCTGACGACGAC 611
20 ACTGGGCTGACGACGAC 1

RESULT 35
US-10-024-396-29/C
/ Sequence 29, Application US/10024396
/ Publication No. US20030147864A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
/ FILE REFERENCE: RTS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-29

Query Match
Best Local Similarity 1.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db
606 ACTGGGCTTCATGACGAC 635
20 ACTGGGCTTCATGACGAC 1

```

```

RESULT 36
US-10-024-396-30/C
/ Sequence 30, Application US/10024396
/ Publication No. US20030147864A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
/ FILE REFERENCE: RTS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 30
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-30

Query Match
Best Local Similarity 1.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db
743 TCCGACACGCGCGACGAC 762
20 TCCGACACGCGCGACGAC 1

RESULT 37
US-10-024-396-31/C
/ Sequence 31, Application US/10024396
/ Publication No. US20030147864A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
/ FILE REFERENCE: RTS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 31
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-31

Query Match
Best Local Similarity 1.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db
764 ACTCGGCTGACGACGAC 793
20 ACTCGGCTGACGACGAC 1

RESULT 38
US-10-024-396-32/C
/ Sequence 32, Application US/10024396
/ Publication No. US20030147864A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
/ FILE REFERENCE: RTS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 32
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence

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FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-32
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 786 CAGCGCAACGATCAATG 805
20 CAGCGCAACGATCAATCTT 1

RESULT 39
US-10-024-396-33/c
/ Sequence 33, Application US/10024396
/ Publication No. US2003014786A1
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 33
/ SEQ ID NO 34
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-33
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 811 TCCGATCGTCGCAACGAT 930
20 TCCGATCGTCGCAACGATG 1

RESULT 40
US-10-024-396-34/c
/ Sequence 34, Application US/10024396
/ Publication No. US2003014786A1
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 34
/ SEQ ID NO 35
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-34
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 817 CAGCGCAACGATCAATG 936
20 CAGCGCAACGATCAATG 1

RESULT 41
US-10-024-396-35/c
/ Sequence 35, Application US/10024396
/ Publication No. US2003014786A1
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 35
/ SEQ ID NO 36
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-35
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 919 AACGTAATGACGATGATC 938
20 AACGTAATGACGATGATC 1

RESULT 42
US-10-024-396-36/c
/ Sequence 36, Application US/10024396
/ Publication No. US2003014786A1
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 36
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-36
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1012 CAGCGCAACGATGATG 1031
20 CAGCGCAACGATGATG 1

RESULT 43
US-10-024-396-37/c
/ Sequence 37, Application US/10024396
/ Publication No. US2003014786A1
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT APPLICATION NUMBER: US/10/024,396
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 37
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-37
Query Match 1.4% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1012 CAGCGCAACGATGATG 1031
20 CAGCGCAACGATGATG 1

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1025 GCTTCCTCCCTCCCTCCCTCCCT 1044
 DB 20 GCTTCCTCCCTCCCTCCCTCCCT 1

RESULT 44
 US-10-024-396-38/c
 / Sequence 38, Application US/10024396
 / Publication No. US20030147864A1
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth W. Doble
 / TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
 / FILE REFERENCE: RTS-0339
 / CURRENT FILING DATE: 2001-12-18
 / NUMBER OF SEQ ID NOS: 91
 / SEQ ID NO 38
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-396-39

Query Match
 Best Local Similarity 1.44; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1132 GCGAGACCGTGTGACGTGCGCTT 1151
 DB 20 GCGAGACCGTGTGACGTGCGCTT 1

RESULT 45
 US-10-024-396-39/c
 / Sequence 39, Application US/10024396
 / Publication No. US20030147864A1
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth W. Doble
 / TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
 / FILE REFERENCE: RTS-0339
 / CURRENT APPLICATION NUMBER: US/10/024,396
 / CURRENT FILING DATE: 2001-12-18
 / NUMBER OF SEQ ID NOS: 91
 / SEQ ID NO 39
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-396-39

Query Match
 Best Local Similarity 1.44; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1147 GCGTCGCGACGCTACGACGCG 1165
 DB 20 GCGTCGCGACGCTACGACGCG 1

RESULT 46
 US-10-024-396-40/c
 / Sequence 40, Application US/10024396
 / Publication No. US20030147864A1
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth W. Doble
 / TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
 / FILE REFERENCE: RTS-0339
 / CURRENT FILING DATE: 2001-12-18
 / CURRENT FILING DATE: 2001-12-18

/ NUMBER OF SEQ ID NOS: 91
 / SEQ ID NO 40
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-396-40

Query Match
 Best Local Similarity 1.44; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1250 TGAATCTGTCCGCGCGCTT 1269
 DB 20 TGAATCTGTCCGCGCGCTT 1

RESULT 47
 US-10-024-396-41/c
 / Sequence 41, Application US/10024396
 / Publication No. US20030147864A1
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth W. Doble
 / TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
 / FILE REFERENCE: RTS-0339
 / CURRENT APPLICATION NUMBER: US/10/024,396
 / CURRENT FILING DATE: 2001-12-18
 / NUMBER OF SEQ ID NOS: 91
 / SEQ ID NO 41
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-396-41

Query Match
 Best Local Similarity 1.44; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1262 CAGCAATTCGAAGAAATGCG 1281
 DB 20 CAGCAATTCGAAGAAATGCG 1

RESULT 48
 US-10-024-396-42/c
 / Sequence 42, Application US/10024396
 / Publication No. US20030147864A1
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth W. Doble
 / TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
 / FILE REFERENCE: RTS-0339
 / CURRENT APPLICATION NUMBER: US/10/024,396
 / CURRENT FILING DATE: 2001-12-18
 / NUMBER OF SEQ ID NOS: 91
 / SEQ ID NO 42
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-396-42

Query Match
 Best Local Similarity 1.44; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1286 TTAGGCTGGTGGCTGGCG 1305
 DB 20 TTAGGCTGGTGGCTGGCG 1

```

RESULT 49
US-10-024-396-43/c
/ Sequence 43, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 43
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-43

Query Match
Best Local Similarity 1.44; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

Db 1310 TCCGATTCGACGAGGAGCCG 1329
20 TCCGATTCGACGAGGAGCCG 1

RESULT 50
US-10-024-396-44/c
/ Sequence 44, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-44

Query Match
Best Local Similarity 1.44; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

Db 1400 CCGAGTACGTCTCCCTCCGCG 1419
20 CCGAGTACGTCTCCCTCCGCG 1

RESULT 51
US-10-024-396-45/c
/ Sequence 45, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 45
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-45

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/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-45

Query Match
Best Local Similarity 1.44; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

Db 1460 TCCGATTCGACGAGGAGCCG 1479
20 TCCGATTCGACGAGGAGCCG 1

RESULT 52
US-10-024-396-46/c
/ Sequence 46, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 46
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-46

Query Match
Best Local Similarity 1.44; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

Db 1466 GCGAGAGAGATGCTGATTTA 1485
20 GCGAGAGAGATGCTGATTTA 1

RESULT 53
US-10-024-396-47/c
/ Sequence 47, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 47
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-47

Query Match
Best Local Similarity 1.44; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

Db 1517 AATAGAGAGGATGCTGATTTA 1536
20 AATAGAGAGGATGCTGATTTA 1

RESULT 54
US-10-024-396-48/c
/ Sequence 48, Application US/10024396
/ Publication No. US20030178641
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
/ FILE REFERENCE: RFS-0339
/ CURRENT FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-48

```


NUMBERS OF SEQ ID NOS: 121
 SEQ ID NO: 108
 LENGTH: 21
 TYPE: DNA Human
 US-09-779-152-108

Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 97;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 462 CCACTGACCTGCTGATGCGCCAA 482
 Db 1 CACACGACCTGACCTGCGCCAA 21

RESULT 63
 US-10-023-610-112
 Sequence 112; Application US/09779152
 Publication No. US2003004782A1
 GENERAL INFORMATION:
 INVENTOR: Schmitt, Susan L.
 APPLICANT: Octapharma, Inc.
 TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 BODY COMPOSITION OF INDIVIDUALS WITH OBESITY AND DISORDERS
 FILE REFERENCE: NMI-172092
 CURRENT APPLICATION NUMBER: US/09779, 152
 EARLIER FILING DATE: 2001-02-08
 EARLIER APPLICATION NUMBER: US/00-08, 979
 PRIOR FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO: 112
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Human
 US-09-779-152-112

Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 97;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 462 CCACTGACCTGCTGATGCGCCAA 482
 Db 1 CACACGACCTGACCTGCGCCAA 21

RESULT 60
 US-10-023-610-108
 Sequence 108; Application US/10023610
 Publication No. US2003002395A1
 GENERAL INFORMATION:
 INVENTOR: Mecon, Susan L.
 TITLE OF INVENTION: NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: NIA-005,03
 CURRENT APPLICATION NUMBER: US/10/023, 610
 EARLIER FILING DATE: 2001-12-17/686,106
 EARLIER APPLICATION NUMBER: US/00-10-10/686,106
 EARLIER FILING DATE: 2000-10-10/686,106
 EARLIER FILING DATE: 1998-02-27/890,980
 EARLIER FILING DATE: 1997-07-10/890,980
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO: 108
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Human
 US-10-023-610-108

Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 97;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 462 CCACTGACCTGCTGATGCGCCAA 482
 Db 1 CACACGACCTGACCTGCGCCAA 21

RESULT 61
 US-10-023-610-112
 Sequence 112; Application US/10023610
 Publication No. US2003002395A1
 GENERAL INFORMATION:
 INVENTOR: Schmitt, Susan L.
 APPLICANT: Octapharma, Inc.
 TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: NIA-005,03
 CURRENT APPLICATION NUMBER: US/10/023, 610
 EARLIER FILING DATE: 2001-12-17/686,106
 EARLIER APPLICATION NUMBER: US/00-10-10/686,106
 EARLIER FILING DATE: 2000-10-10/686,106
 EARLIER FILING DATE: 1998-02-27/890,980
 EARLIER FILING DATE: 1997-07-10/890,980
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO: 112
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Human
 US-10-023-610-112

Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 97;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 462 CCACTGACCTGCTGATGCGCCAA 482
 Db 1 CACACGACCTGACCTGCGCCAA 21

RESULT 62
 US-10-023-396-517
 Sequence 5; Application US/10024396
 Publication No. US2003014766A1
 GENERAL INFORMATION:
 INVENTOR: Schmitt, Susan L.
 TITLE OF INVENTION: ARTISER MODULATION OF CD36L1 EXPRESSION
 FILE REFERENCE: RNS-0339
 CURRENT APPLICATION NUMBER: US/10/024,396
 EARLIER FILING DATE: 2001-12-18
 NUMBER OF SEQ ID NOS: 5
 SEQ ID NO: 5
 LENGTH: 19
 TYPE: DNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: PCR Primer
 US-10-024-396-5

Query Match 1.3%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 77;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 772 CACACGACCTGACCTGCGCCAA 790
 Db 19 CACACGACCTGACCTGCGCCAA 1

RESULT 63
 US-09-779-152-6716
 Sequence 67; Application US/09779152

```

Publication No. US20030044782A1
/ GENERAL INFORMATION: Susan L.
/ APPLICANT: McCarthy, Jose M.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: US-09/779,152
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
Us-09-779-152-67

Query Match      1.3% Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pctd No. 1.1e+02;
Matches 19; Conservative 1; Mismatches 1; Gaps 0;

Cy      1109 TCCCTGACGCCACCCCGGTT 1128
Db      20 TCCCTGACGCCACCCCGGTT 1

RESULT 64
Us-09-779-152-69
/ Sequence 69, Application US/09/79152
/ GENERAL INFORMATION: Susan L.
/ APPLICANT: McCarthy, Jose M.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: NMI-172C92
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
Us-09-779-152-69

Query Match      1.3% Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pctd No. 1.1e+02;
Matches 19; Conservative 1; Mismatches 1; Gaps 0;

Cy      1109 TCCCTGACGCCACCCCGGTT 1128
Db      20 TCCCTGACGCCACCCCGGTT 1

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CURRENT FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
Us-09-779-152-71

Query Match      1.3% Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pctd No. 1.1e+02;
Matches 19; Conservative 1; Mismatches 1; Gaps 0;

Cy      1109 TCCCTGACGCCACCCCGGTT 1128
Db      20 TCCCTGACGCCACCCCGGTT 1

RESULT 66
Us-09-779-152-73
/ Sequence 73, Application US/09/79152
/ GENERAL INFORMATION: Susan L.
/ APPLICANT: McCarthy, Jose M.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: NMI-172C92
/ CURRENT APPLICATION NUMBER: US/09/779,152
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 08/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
Us-09-779-152-73

Query Match      1.3% Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pctd No. 1.1e+02;
Matches 19; Conservative 1; Mismatches 1; Gaps 0;

Cy      1109 TCCCTGACGCCACCCCGGTT 1128
Db      20 TCCCTGACGCCACCCCGGTT 1

RESULT 67
Us-10-023-610-67/c
/ Sequence 67, Application US/10023610
/ Publication No. US20030023059A1
/ GENERAL INFORMATION: Susan L.
/ APPLICANT: McCarthy, Jose M.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: NIA-005.03
/ CURRENT APPLICATION NUMBER: US/10/023,610
/ PRIOR FILING DATE: 2000-10-10
/ EARLIER APPLICATION NUMBER: 09/023,894
/ EARLIER FILING DATE: 1998-02-27
/ EARLIER APPLICATION NUMBER: 08/890,980
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ LENGTH: 20
/ TYPE: DNA

```

1 ORGANISM: Human
US-10-023-610-07

Query Match 1.34; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.04; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1109 TCTTCACACCCACCCCGGTT 1128
Db 20 TCTTCACACCCACCCCGGTT 1

RESULT 68
US-10-023-610-69

Sequence 68 Application US/10023610
Publication No. US20030023059A1

GENERAL INFORMATION:

APPLICANT: Accion, Susan I.

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/10/023,610

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 1998-07-08/890,980

EXAMLER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 73

LENGTH: 20

TYPE: DNA

ORGANISM: Human

US-10-023-610-69

Query Match 1.34; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.04; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1109 TCTTCACACCCACCCCGGTT 1128
Db 1 TCTTCACACCCACCCCGGTT 20

RESULT 69
US-10-023-610-71/c

Sequence 71 Application US/10023610
Publication No. US20030023059A1

GENERAL INFORMATION:

APPLICANT: Susan I.

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/10/023,610

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 1998-07-08/890,980

EXAMLER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 71

LENGTH: 20

TYPE: DNA

ORGANISM: Human

US-10-023-610-71

Query Match 1.34; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.04; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1109 TCTTCACACCCACCCCGGTT 1128
Db 20 TCTTCACACCCACCCCGGTT 1

Qy 1109 TCTTCACACCCACCCCGGTT 1128
Db 20 TCTTCACACCCACCCCGGTT 1

RESULT 70
US-10-023-610-73

Sequence 73 Application US/10023610
Publication No. US20030023059A1

GENERAL INFORMATION:

APPLICANT: Accion, Susan I.

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/10/023,610

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 1998-07-08/890,980

EXAMLER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 73

LENGTH: 20

TYPE: DNA

ORGANISM: Human

US-10-023-610-73

Query Match 1.34; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.04; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1109 TCTTCACACCCACCCCGGTT 1128
Db 1 TCTTCACACCCACCCCGGTT 20

RESULT 71
US-10-215-112-9434

Sequence 9434 Application US/10215112
Publication No. US20030023059A1

GENERAL INFORMATION:

APPLICANT: Accion, Susan I.

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/10/023,610

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 2000-10-10/066,106

EXAMLER FILING DATE: 1998-07-08/890,980

EXAMLER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 14936

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 25

LENGTH: 25

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-215-112-9434

Query Match 1.34; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.04; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1453 TCTTCACACCCACCCCGGTT 1473
Db 3 TCTTCACACCCACCCCGGTT 25

RESULT 72
US-09-779-152-106/c

Sequence 106 Application US/09779152
Publication No. US2003004478A1

GENERAL INFORMATION:

/ APPLICANT: Acton, Susan L.
 / PRIORITY DATE: 1997-07-10
 / APPLICANT: McCarthy, Joseph M.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: NMI-17262 US/09/779,152
 / CURRENT FILING DATE: 2001-02-08
 / PRIOR APPLICATION NUMBER: 08/890,979
 / PRIORITY FILING DATE: 1997-07-10
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO 106
 / LENGTH: 21
 / ORGANISM: Human
 / FEATURE:

Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 1.6e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 462 CACCTACCTCATCTATGCCCA 482
 21 CACTCATTACTCATCTATGCCCA 1

RESULT 73
 US-09-779-152-110/C
 / Sequence 110, Application US/09779152
 / Publication No. US20030044782A1
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / APPLICANT: McCarthy, Joseph M.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: NMI-17262 US/09/779,152
 / CURRENT APPLICATION NUMBER: 08/890,979
 / PRIORITY FILING DATE: 1997-07-10
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO 110
 / LENGTH: 21
 / ORGANISM: Human
 / FEATURE:

Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 1.6e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 462 CACCTACCTCATCTATGCCCA 482
 21 CACTCATTACTCATCTATGCCCA 1

RESULT 74
 US-10-023-610-106/C
 / Sequence 106, Application US/10023610
 / Publication No. US2003002059A1
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: SE-BI NUCLEIC ACIDS AND USES THEREFOR
 / FILE REFERENCE: ISPH-0527 US/09/773,294A
 / CURRENT APPLICATION NUMBER: 09/686,106
 / PRIORITY FILING DATE: 2001-12-11
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO 103
 / LENGTH: 21
 / ORGANISM: Artificial Sequence
 / FEATURE:

/ EARLIER APPLICATION NUMBER: 08/890,980
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 106
 / LENGTH: 21
 / TYPE: DNA
 / ORGANISM: Human
 / FEATURE:

Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 1.6e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 462 CACCTACCTCATCTATGCCCA 482
 21 CACTCATTACTCATCTATGCCCA 1

RESULT 75
 US-10-023-610-110/C
 / Sequence 110, Application US/10023610
 / Publication No. US2003002059A1
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: SE-BI NUCLEIC ACIDS AND USES THEREFOR
 / FILE REFERENCE: ISPH-0527 US/09/773,294A
 / CURRENT APPLICATION NUMBER: 09/686,106
 / PRIORITY FILING DATE: 2001-12-11
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO 110
 / LENGTH: 21
 / ORGANISM: Human
 / FEATURE:

Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 1.6e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 462 CACCTACCTCATCTATGCCCA 482
 21 CACTCATTACTCATCTATGCCCA 1

RESULT 76
 US-09-733-294A-33/C
 / Sequence 33, Application US/09733294A
 / Patent No. US20020045588A1
 / GENERAL INFORMATION:
 / APPLICANT: Brett P. Moris
 / APPLICANT: William Gaarde
 / APPLICANT: Susan M. Freese
 / TITLE OF INVENTION: ANTIBODIES MODULATION OF TERT EXPRESSION
 / FILE REFERENCE: ISPH-0527 US/09/773,294A
 / CURRENT APPLICATION NUMBER: 09/686,106
 / PRIORITY FILING DATE: 2000-05-16
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO 33
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:

! OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-33

Query Match 1.2%; Score 16.8; DB 1; Length 20
Best Local Similarity 90.0%; Pred. No. 18+02;
Matches 18; Conservative 0; Mismatches 2; Indels

US-09-918-026A-50/c
! Sequence 50, Application US/09918026A

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Query Match	1.2%	Score 16.4	DB 1	Length 20
Best Local Similarity	94.4%	Pred. No. 2e+02		
Matches 17, Conservative	0	Mismatches 1	Indels 0	Gaps 0

US-201-039-323-206 Application US/10/099322
Sequence 206 Publication No. US2003021549A1
GENERAL INFORMATION:
APPLICANT: Mezes et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
PRIORITY APPLICATION NUMBER: US/10/099,322
CURRENT APPLICATION NUMBER: US/10/039,322

```

? ORGANISM: Artificial Sequence
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? FEATURES:
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? OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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? OTHER INFORMATION: primer
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? OS-10-099-322-206

```

Query Match 1.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 79
US-10-218-969-23

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1 Sequence 23, Application US/02019869
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Query Match	1.1%	Score 15.8;	DB 1;	Length 21;
Best Local Similarity	89.5%;	Pred. No. 2.8e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

RESULT: 80 04131/c
 Sequence 13, Application US/09645042
 Publication No. US20030092177A1
 GENERAL INFORMATION:
 APPLICANT: PIPIRO
 APPLICANT: SANTINI, STEFANO MARIA
 APPLICANT: PARLATO, STEFANO
 APPLICANT: DI PUCCIO, TIZIANA
 APPLICANT: LABERNIA, CATERINA
 APPLICANT: FERRANTINI, MARIA
 APPLICANT: SANTODOMINO, LINDA
 TITLE OF INVENTION: USE OF HUMAN
 TITLE OF INVENTION: PREPARING HIGHLY ACTIVE HUMAN DRONITIC
 FILE REFERENCE: 61847-8-79/B-4161
 CURRENT PRIORITY NUMBER: US/09/0465,042
 CURRENT PRIORITY NUMBER: 2001-04-27
 NUMBER OF SEQ ID NUMBER: 370
 SOFTWARE: PatentIn Ver. 2.1

TYPE: DNA

ORGANISM: Artificial Sequence
 FEATURE:
 ORIGIN INFORMATION: Description of Artificial Sequence: Primer
 US-09-845-042-13

Query Match 1.1% Score 15.4; DB 1; Length 22;
 Best Local Similarity 89.5%; Pred. No. 3.2e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1334 AGCGGCGCCGACGAGCGGCG 1342
 DB 19 AGCGGCGCCGACGAGCGGCG 1

RESULT 81

US-10-040-7564-469
 Sequence 469, Application US/100607564
 Publication No. US20030046712A1

GENERAL INFORMATION:

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

APPLICANT: PERMUTEC, INC.

FILE REFERENCE: PH0177

CURRENT APPLICATION NUMBER: US/10/060,756A

PRIOR FILING DATE: 2002-01-30

PRIOR FILING DATE: 2001-01-30/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,763

PRIOR FILING DATE: 2001-10-09

PRIOR APPLICATION NUMBER: US 60/327,898

NUMBER OF SEQ ID NOS: 4804

SEQ ID NO 49

DESCRIPTION: Gonadotropin Releasing Hormone

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-040-7564-469

Query Match 1.1% Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.6e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 416 GTCACCGCCGCTCCGACT 430
 DB 1 GTCACCGCCGCTCCGACT 17

RESULT 82

US-10-040-7564-469

Sequence 469, Application US/100607564
 Publication No. US20030046712A1

GENERAL INFORMATION:

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

APPLICANT: PERMUTEC, INC.

FILE REFERENCE: 15966-559

CURRENT APPLICATION NUMBER: US/10/004,551

PRIOR FILING DATE: 2000-08-10

PRIOR APPLICATION NUMBER: 09/535,949

NUMBER OF SEQ ID NOS: 110

SEQ ID NO 66

DESCRIPTION: Humanin Ver. 2.1

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-040-7564-469

Query Match 1.1% Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.6e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 416 GTCACCGCCGCTCCGACT 430
 DB 1 GTCACCGCCGCTCCGACT 17

LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 ORIGIN INFORMATION: Description of Artificial Sequence: PCR PRIMER
 US-10-004-551-66

Query Match 1.1% Score 15.4; DB 1; Length 18;
 Best Local Similarity 94.1%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGCGCTGACGCA 794
 DB 2 TGGACCGCGCTGACGCA 18

RESULT 83

US-10-004-551-69/C

Sequence 69, Application US/10004551
 Publication No. US20030046712A1

GENERAL INFORMATION:

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

APPLICANT: PERMUTEC, INC.

FILE REFERENCE: 15966-559

CURRENT APPLICATION NUMBER: US/10/004,551

PRIOR FILING DATE: 2000-08-10

PRIOR APPLICATION NUMBER: 09/535,949

NUMBER OF SEQ ID NOS: 110

SEQ ID NO 69

DESCRIPTION: Humanin Ver. 2.1

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER

US-10-004-551-69

Query Match 1.1% Score 15.4; DB 1; Length 18;
 Best Local Similarity 94.1%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGCGCTGACGCA 794
 DB 17 TGGACCGCGCTGACGCA 1

RESULT 84

US-10-227-039-53

Sequence 53, Application US/10227039
 Publication No. US20030198627A1

GENERAL INFORMATION:

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

APPLICANT: Galapagos Genomics NV

APPLICANT: Acts, Geert-Jan

APPLICANT: Janssen, Ellen V

APPLICANT: Janssen, Jeroen

APPLICANT: Janssen, H.G.

APPLICANT: Janssen, Godofrideus A.W.

CURRENT APPLICATION NUMBER: US 10/227,039

PRIOR FILING DATE: 2002-08-23/039

PRIOR APPLICATION NUMBER: US 60/317,229

PRIOR FILING DATE: 2001-09-01

PRIOR APPLICATION NUMBER: US 60/317,229

PRIOR FILING DATE: 2002-06-04

NUMBER OF SEQ ID NOS: 97

SEQ ID NO 1

DESCRIPTION: Humanin version 3.1

LENGTH: 19

TYPE: DNA

ORGANISM: Aequorea victoria

US-10-227-039-53

Query Match 1.1% Score 15.4; DB 1; Length 18;
 Best Local Similarity 94.1%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGCGCTGACGCA 794
 DB 17 TGGACCGCGCTGACGCA 1

US-10-227-039-53

Query Match 1.14; Score 15.4; DB 1; Length 19;

Best Local Similarity 94.14; Pred. No. 2,sec02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 527 TACCCGATTCCTCC 543

Db 3 TACCCGATTCCTCC 19

RESULT 85

US-09-800-631-44/C

Sequence 44, Application US/09800631

Publication No. US20030106228A

GENERAL INFORMATION:

APPLICANT: Hong Zhang

TITLE OF INVENTION: INTERFERON- γ INHIBIT

TITLE REFERENCE: ISH-0544

CURRENT APPLICATION NUMBER: US/09/800, 631

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR FILING DATE: 2000-09-07

NUMBER OF SEQ ID NOS: 175

SEQ ID NO 59

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Antisense oligonucleotide

US-09-800-631-44

Query Match 1.14; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.14; Pred. No. 2,sec02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 423 CTTCGATTCCTCCCT 439

Db 17 CTTCGATTCCTCCCT 1

RESULT 86

US-10-174-394-59

Sequence 59, Application US/10174394

Publication No. US20030106433A1

GENERAL INFORMATION:

APPLICANT: Chong Corporation

APPLICANT: Shimada, Richard A

APPLICANT: Jeffrey, Michael E

APPLICANT: Bolgos, Cecilio K

APPLICANT: Yang, Melissa

APPLICANT: Burgess, Catherine

APPLICANT: Hernandez, John

APPLICANT: Labachelle, William

APPLICANT: Lichenstein, Henri

APPLICANT: Zorn, Linda

APPLICANT: Padgett, Wardlembura

APPLICANT: Pena, Carol E.A.

APPLICANT: Alvarado, J. John P.

APPLICANT: Rieger, Daniel K.

APPLICANT: Gross, William M.

APPLICANT: Gross, William M.

FILE REFERENCE: 1596-557 CIP3 (CORA-57 CIP3)

CURRENT FILING DATE: 2002-05-17

PRIOR FILING DATE: 2001-06-03

PRIOR FILING DATE: 2001-06-03

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR FILING DATE: 1999-07-27

PRIOR FILING DATE: 2000-01-31

PRIOR FILING DATE: 2000-01-31

PRIOR FILING DATE: 2000-07-03 (US/00/20405)

PRIOR FILING DATE: 2000-07-03

PRIOR FILING DATE: 2000-07-03

PRIOR FILING DATE: 2001-03-26

PRIOR FILING DATE: 2001-03-26

PRIOR FILING DATE: 2001-03-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

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PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

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PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

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PRIOR FILING DATE: 2002-02-26

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PRIOR FILING DATE: 2002-02-26

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PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

PRIOR FILING DATE: 2002-02-26

/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
 / TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
 / FILE REFERENCE: US-09-861-115
 / CURRENT APPLICATION NUMBER: US/09/758, 881
 / CURRENT FILING DATE: 2001-01-11
 / PRIOR FILING DATE: 2000-04-06
 / PRIOR APPLICATION NUMBER: US/00/090504/090504
 / PRIOR FILING DATE: 1999-04-08
 / NUMBER OF SEQ ID NOS: 153
 / SOFTWARE: PatSeq for Windows Version 3.0
 / SEQ ID NO 115
 / SEQ ID NO 115
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 / US-09-758-881-115
 Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0
 GY 315 GAAAGCCGAGATCGCCGAGC 334
 DB 20 GAAAGCCGAGATCGCCGAGC 1
 RESULT 89 322B-75
 / US-09-824-322B-75
 / Publication No. US/09/824,322B
 / Publication No. US/09/824,322B
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Brenda Frank
 / APPLICANT: Baker, Brenda Frank
 / APPLICANT: Butler, Medeline M.
 / APPLICANT: Shannah, William M.
 / TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
 / FILE REFERENCE: US-09-824-322B-75
 / CURRENT APPLICATION NUMBER: US/09/824,322B
 / CURRENT FILING DATE: 2001-04-02
 / PRIOR FILING DATE: 1999-05-18
 / PRIOR APPLICATION NUMBER: US/09/166,186
 / PRIOR FILING DATE: 1998-10-05
 / NUMBER OF SEQ ID NOS: 503
 / SOFTWARE: Patent In Ver. 2.1
 / SEQ ID NO 75
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE: OTHER INFORMATION: Synthetic
 / US-09-824-322B-75
 Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0
 GY 432 CGAGCCGAGATCGCCGAGC 451
 DB 1 CGAGCCGAGATCGCCGAGC 20
 RESULT 90 382-860-282
 / US-09-382-860-282
 / Sequence 282, Application US/09/382860
 / Publication No. US/09/382,860
 / GENERAL INFORMATION:
 / APPLICANT: Brown, Jr., Robert H.
 / APPLICANT: Liu, Jing
 / APPLICANT: Liu, Jing
 / APPLICANT: Hoffman, Eric

/ APPLICANT: Chou, Ben-Li
 / TITLE OF INVENTION: REPAIR OF DNA REPAIR MECHANISMS
 / FILE REFERENCE: 00786/401002
 / CURRENT APPLICATION NUMBER: US/09/382,860
 / CURRENT FILING DATE: 1999-05-25
 / PRIOR FILING DATE: 2000-04-06
 / PRIOR APPLICATION NUMBER: US/00/097,390
 / PRIOR FILING DATE: 1998-08-25
 / NUMBER OF SEQ ID NOS: 283
 / SOFTWARE: PatSeq for Windows Version 3.0
 / SEQ ID NO 282
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-382-860-282
 Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0
 GY 1425 CTGACCTCGATCGCTTC 1444
 DB 1 CTGACCTCGATCGCTTC 20
 RESULT 91 442-407-7
 / US-10-442-407-7
 / Publication No. US/10/442,407
 / Publication No. US/2003/0152938A1
 / GENERAL INFORMATION:
 / APPLICANT: Asai Saeonakulthit
 / APPLICANT: Asai Saeonakulthit
 / APPLICANT: Takahashi Yasuo
 / APPLICANT: Ishii Yukimoto
 / APPLICANT: Ishikawa Koichi
 / TITLE OF INVENTION: METHOD FOR SCREENING A GENE
 / FILE REFERENCE: 7005-129-999
 / CURRENT APPLICATION NUMBER: US/10/442,407
 / CURRENT FILING DATE: 2002-01-08
 / PRIOR FILING DATE: 2001-02-01
 / PRIOR APPLICATION NUMBER: JP2001-112367
 / NUMBER OF SEQ ID NOS: 12
 / SOFTWARE: Patent In Ver. 2.1
 / SEQ ID NO 7
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
 / US-10-442-407-7
 Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0
 GY 533 TGAAGCCGAGATCGCCGAGC 552
 DB 1 TGAAGCCGAGATCGCCGAGC 20
 RESULT 92 1042-407-7
 / US-10-1042-407-7
 / Sequence 270, Application US/10/1042,407
 / Publication No. US/2003/0188326A1
 / GENERAL INFORMATION:
 / APPLICANT: D'Andrea, Alan
 / APPLICANT: D'Andrea, Alan
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
 / FILE REFERENCE: 2002-06-06
 / CURRENT APPLICATION NUMBER: US/10/1042,407
 / CURRENT FILING DATE: 2002-06-06
 / PRIOR FILING DATE: 2001-11-08
 / PRIOR APPLICATION NUMBER: US/09/998,027
 / PRIOR FILING DATE: 2001-11-08
 / PRIOR APPLICATION NUMBER: US/09/245,756

1

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OTHER INFORMATION: CCNs reverse FOR primer
US-09-736-863-16

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1236 GAGCCGCGGCTCTCT 1310
DB 19 GAGCCGCGGCTCTCT 5

RESULT 97

US-09-863-806-20/C

Sequence 20, Application US/09863806

GENERAL INFORMATION: US/020197608A1

APPLICANT: Sidransky, David

TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA

NUMBER OF SEQUENCES: 195

APPLICATION NUMBER: US/09/863,806

ADDRESS: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FASTSQ for Windows Version 2.0b

CHRNA: APPLICATION NUMBER: US/09/863,806

FILING DATE: 22-May-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/038,637

APPLICATION NUMBER: 08/152,313

FILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07265/146001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/78-5070

TELEFAX: 619/78-5070

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US-09-863-806-20

Query Match

Best Local Similarity 100.0%; Score 15; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCCGCGGCTCTCT 1302
DB 17 GAGCCGCGGCTCTCT 3

RESULT 98

US-09-863-806-52

Sequence 53, Application US/09863806

PUBLICATION NO. US20020197608A1

GENERAL INFORMATION:

APPLICANT: Sidransky, David

TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA

NUMBER OF SEQUENCES: 195

CORRESPONDENCE ADDRESS:

ADDRESS: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FASTSQ for Windows Version 2.0b

CHRNA: APPLICATION NUMBER: US/09/863,806

FILING DATE: 22-May-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/038,637

APPLICATION NUMBER: 08/152,313

FILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07265/146001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/78-5070

TELEFAX: 619/78-5070

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 52:

US-09-863-806-52

Query Match

Best Local Similarity 100.0%; Score 15; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCCGCGGCTCTCT 1302
DB 4 GAGCCGCGGCTCTCT 18

RESULT 98

US-09-863-473-20/C

Sequence 20, Application US/10296473

PUBLICATION NO. US20030134309A1

GENERAL INFORMATION:

APPLICANT: SIDRANSKY, DAVID

TITLE OF INVENTION: SEQUENCE IN TISSUE

NUMBER OF SEQUENCES: 40

CORRESPONDENCE ADDRESS:

ADDRESS: Kohn Lab & Lohf

STREET: 1800 Century Park East, Suite 500

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FASTSQ Version 1.1

APPLICATION NUMBER: US/10/290,473

PUBLICATION NO. US20030134309A1

CLASSIFICATION: <Unknow>

PRIOR APPLICATION DATA:

```

/ APPLICATION NUMBER: US 08/854,727
/ FILING DATE: 12-MAY-1997
/ APPLICATION NUMBER: 08/299,477
/ PENDING DATE: 31-MAY-1994
/ FILING DATE: 31-MAY-1994
/ PENDING DATE: 31-MAY-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Tammelin, Ph.D., Lisa A.
/ RESIDENTIAL ADDRESS: 1835 37th
/ STREET: 1835 37th
/ CITY: San Francisco, CA 94116
/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ PART-SENS: NO
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-290-473-20

Query Match 1.1% Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No 3.e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCTCTGCTCTGCTG 1302
DB 17 GAGCTCTGCTCTG 3

RESUME 101
US-10-290-473-40
/ Sequence 40; Application US/10290473
/ Publication No. US20030134309A1
/ GENERAL INFORMATION:
/ COMMISSIONER: HUMANITARIAN, DANIEL
/ TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
/ NUMBER OF SEQUENCES: 40
/ COMMISSIONER ADDRESS:
/ STREET: 1880 Century Park East, Suite 500
/ CITY: Los Angeles
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ OPERATING SYSTEM: DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/10/290,473
/ FILING DATE: 08-MAY-1997
/ APPLICATION NUMBER: US 08/854,727
/ PENDING DATE: 31-MAY-1994
/ FILING DATE: 31-MAY-1994
/ PENDING DATE: 31-MAY-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Tammelin, Ph.D., Lisa A.
/ RESIDENTIAL ADDRESS: 1835 37th
/ STREET: 1835 37th
/ CITY: San Francisco, CA 94116
/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ PART-SENS: NO
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-290-473-20

```

```

/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ PART-SENS: NO
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-10-290-473-40

Query Match 1.1% Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No 3.e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCTCTGCTCTGCTG 1302
DB 4 GAGCTCTGCTCTG 18

RESUME 101
US-10-044-692-235
/ Sequence 235; Application US/10044692
/ Publication No. US20030134309A1
/ GENERAL INFORMATION:
/ COMMISSIONER: HUMANITARIAN, DANIEL
/ TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
/ NUMBER OF SEQUENCES: 235
/ COMMISSIONER ADDRESS:
/ STREET: 1880 Century Park East, Suite 500
/ CITY: Los Angeles
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ OPERATING SYSTEM: DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/10/044,692
/ FILING DATE: 08-MAY-1997
/ APPLICATION NUMBER: US 08/854,727
/ PENDING DATE: 31-MAY-1994
/ FILING DATE: 31-MAY-1994
/ PENDING DATE: 31-MAY-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Tammelin, Ph.D., Lisa A.
/ RESIDENTIAL ADDRESS: 1835 37th
/ STREET: 1835 37th
/ CITY: San Francisco, CA 94116
/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ PART-SENS: NO
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-10-290-473-40

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OTHER INFORMATION: Sense sequence
 FEATURE: misc feature
 LOCATION: (20)..
 OTHER INFORMATION: n = c
 US-10-216-054A-12

Query Match 1.0% Score 14.8; DB 1;
 Best Local Similarity 88.3%; Pred. No. 3, 8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 18 CGCCCGGAGGCTCTCCGC 1

RESULT 109
 US-10-216-054A-13
 Sequence 13, Application US/10216054A
 Publication No. US20030144232A1
 GENERAL INFORMATION: CANCER RESEARCH VENTURES LIMITED
 APPLICANT: AGMT, Reuven
 TITLE OF INVENTION: BRIMMEDAMP, This Invention Describes A System
 FILE REFERENCE: KILBURN1100-2
 CURRENT APPLICATION NUMBER: US/10/216_054A
 PRIOR FILING DATE: 2002-12-09
 PRIOR FILING DATE: 2002-08-09/377,482
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2001-12-24
 PRIOR FILING DATE: 2001-12-24
 NUMBER OF SEQ ID NOS: 21
 OTHER INFORMATION: Patent in version 3.1
 SEQ ID NO 13
 LENGTH: 21
 TYPE: DNA
 FEATURE: Artificial sequence
 OTHER INFORMATION: Antisense sequence
 FEATURE: misc feature
 LOCATION: (20)..
 OTHER INFORMATION: n = c
 US-10-216-054A-13

Query Match 1.0% Score 14.8; DB 1;
 Best Local Similarity 88.3%; Pred. No. 3, 8e+02;
 Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 Db 2 CGCCCGGAGGCTCTCCGC 19

RESULT 110
 US-10-324-184-12/c
 Sequence 12, Application US/10324184
 Publication No. US20030144232A1
 GENERAL INFORMATION: CANCER RESEARCH VENTURES LIMITED
 APPLICANT: AGMT, Reuven
 TITLE OF INVENTION: BRIMMEDAMP, This Invention Describes A System
 FILE REFERENCE: KILBURN1100-2
 CURRENT APPLICATION NUMBER: US/10/324_184
 PRIOR FILING DATE: 2002-12-19
 PRIOR FILING DATE: 2002-08-10/216_054
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2002-05-02
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2001-12-24
 PRIOR FILING DATE: 2001-12-24

NUMBER OF SEQ ID NOS: 25
 SOFTWARE: Patent in version 3.1
 SEQ ID NO 12
 LENGTH: 21
 TYPE: DNA
 FEATURE: Artificial sequence
 OTHER INFORMATION: The sequence of the sense strand of the synthetic siRNA against

Query Match 1.0% Score 14.8; DB 1;
 Best Local Similarity 88.3%; Pred. No. 3, 8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 18 CGCCCGGAGGCTCTCCGC 1

RESULT 111
 US-10-324-184-13
 Sequence 13, Application US/10324184
 Publication No. US20030144232A1
 GENERAL INFORMATION: CANCER RESEARCH VENTURES LIMITED
 APPLICANT: AGMT, Reuven
 TITLE OF INVENTION: BRIMMEDAMP, This Invention Describes A System
 FILE REFERENCE: KILBURN1100-2
 CURRENT APPLICATION NUMBER: US/10/324_184
 PRIOR FILING DATE: 2002-12-19
 PRIOR FILING DATE: 2002-08-09/377,482
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2002-05-02
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2001-12-24
 NUMBER OF SEQ ID NOS: 25
 OTHER INFORMATION: Patent in version 3.1
 SEQ ID NO 13
 LENGTH: 21
 TYPE: DNA
 FEATURE: Artificial sequence
 OTHER INFORMATION: Sequence of the antisense strand of the synthetic siRNA against

Query Match 1.0% Score 14.8; DB 1;
 Best Local Similarity 88.3%; Pred. No. 3, 8e+02;
 Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 Db 2 CGCCCGGAGGCTCTCCGC 19

RESULT 112
 US-09-882-945A-279
 Sequence 279, Application US/09882945A
 Publication No. US20030144232A1
 GENERAL INFORMATION: CANCER RESEARCH VENTURES LIMITED
 APPLICANT: AGMT, Reuven
 TITLE OF INVENTION: BRIMMEDAMP, This Invention Describes A System
 FILE REFERENCE: KILBURN1100-2
 CURRENT APPLICATION NUMBER: US/09/882_945A
 PRIOR FILING DATE: 2002-12-19
 PRIOR FILING DATE: 2002-08-10/216_054
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2002-05-02
 PRIOR APPLICATION NUMBER: US 60/377,482
 PRIOR FILING DATE: 2001-12-24
 PRIOR FILING DATE: 2001-12-24

1 APPLICANT: Dong, Fang
2 APPLICANT: Neri, Bruce
3 APPLICANT: Wener, Tachana
4 TITLE: Amino Acid Accessible Hydratization Sites
5 PUBLICATION NO: 9545
6 CURRENT APPLICATION NUMBER: US/09/882,965A
7 CURRENT FILING DATE: 2001-06-15
8 NUMBER OF SEQ. ID NOS: 334
9 SOFTWARE: Patent version 3.0

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QY      938  CAGGGGTGTTTGAAG 953
          |||||
          1  CAGGGGTGTTTGAAG 16

Query Match      1.0% Score 14.4 / DB 1;
      Best Local Similarity 99.8%;
      Pred. No. 1.7e+02;
      Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0.

```

```

Query Match      1.0% Score 14.4 / DB 1 Length 17,
Best Local Similarity 9.8% Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      1220 GCTCTGGAATCTGCA 1235
          |||||
Db      17 GATCTGGAATCTGCA 2

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? PRIOR APPLICATION NUMBER: US 60/181,799
 ? FILING DATE: 2000-02-11
 ? PRIORITY DATE: 2000-02-11
 ? NUMBER OF SEQ ID NOS: 6679
 ? SOFTWARE: PatentIn version 3.0
 ? SEQ ID NO 671
 ? LENGTH: 17
 ? TYPE: RNA
 ? ORGANISM: Homo sapiens
 ? US-09-780-533A-671

```

Query Match      104; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.1e-02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      1220 GCTCTGTGAAACTGCA 1235
          |||||
Db       16 GATCTGTGAAACTGCA 1

```

Query	324	GGTCCGGGAGGCGCGG	339	
Query Match				
Score	14.41			DB 11
Length	17			
Beet Local Similarity	93.8%			
Pred. No. 2.4e-02				
Matches	15	Conservative	0	Mismatches 1
				Indels 0
				Gaps 0
Db	16	GGTCCAGAGGCGCGG	1	

```

1 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
2
3 FILE REFERENCE: MBH00.878-A (400/011)
4
5 CURRENT APPLICATION NUMBER: US/99/780,533A
6
7 CURRENT FILING DATE: 2001-02-09
8

```


Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 1312 TCGTTCGAGAGAGCGCGG 1310
20 TGTTCGAGAGAGCTGCG 2

RESULT 118

US-09-745-605-25/C
Sequence 12; Application US/09714605
Patent No. US2002012355A1
GENERAL INFORMATION:
APPLICANT: Scaring, Gary C.
INVENTOR: Scaring, Gary C.
TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
TITLE OF INVENTION: AND APEX-3 AND USES THEREOF
FILE REFERENCE: DELJIN
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 25
LENGTH: 20
TYPER: DNK
ORGANISM: Artificial Sequence
FEATURES:

OTHER INFORMATION: Description of Artificial Sequence: DN22 PRIMER
US-09-745-605-25

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 523 CCGATGACCCGAGAGCTG 541
20 CCGATGACCCGAGAGCTG 2

RESULT 119

US-09-800-629A-196/C
Sequence 12; Application US/0980629A
Patent No. US2002018265A1
GENERAL INFORMATION:
APPLICANT: Dani, Nicholas M.
INVENTOR: Dani, Nicholas M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
FILE REFERENCE: 189H-0537
CURRENT APPLICATION NUMBER: US/09/800, 629A
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 09/280,799
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 196
LENGTH: 20
TYPER: DNK
ORGANISM: Artificial Sequence
FEATURES:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-196

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1312 TCGTTCGAGAGAGCGCGG 1310
20 TGTTCGAGAGAGCTGCG 2

RESULT 120

US-09-791-406-83
Sequence 83; Application US/09791406
Patent No. US2002014765A1
GENERAL INFORMATION:
APPLICANT: K. Sargent
INVENTOR: K. Sargent
TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
TITLE OF INVENTION: AND APEX-3 AND USES THEREOF
FILE REFERENCE: DELJIN
CURRENT FILING DATE: 2001-02-22
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 83
LENGTH: 20
TYPER: DNK
ORGANISM: Artificial Sequence
FEATURES:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-83

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1572 CTTTCGCGCTCGAGAGCA 1590
1 CTTTCGCGCTCGAGAGCA 19

RESULT 121

US-09-966-768-12/C
Sequence 12; Application US/09966768
Patent No. US2002047929A
GENERAL INFORMATION:
APPLICANT: Van Der Kooij, Derek
INVENTOR: Van Der Kooij, Derek
TITLE OF INVENTION: TO Neutral Cells
FILE REFERENCE: 2223-110
CURRENT APPLICATION NUMBER: US/09/966,768
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: US 60/235,394
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 20
TYPER: DNK
ORGANISM: Artificial Sequence
FEATURES:

OTHER INFORMATION: antisense
US-09-966-768-12

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 122

US-09-774-609-134/C
Sequence 134; Application US/09774609
Patent No. US20030004120A1
GENERAL INFORMATION:
APPLICANT: Takashi Kai Kishimoto
INVENTOR: Takashi Kai Kishimoto
TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
TITLE OF INVENTION: AND APEX-3 AND USES THEREOF
FILE REFERENCE: DELJIN
CURRENT FILING DATE: 2001-02-22
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 134
LENGTH: 20
TYPER: DNK
ORGANISM: Artificial Sequence
FEATURES:

GENERAL INFORMATION:
 APPLICANT: Deady, Nicholas M.
 APPLICANT: Netro, Pam
 APPLICANT: Netro, William A.
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
 FILE REFERENCE: 159H-0412
 PRIORITY FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 09/396,902
 PRIOR FILING DATE: 1998-09-15
 PRIOR FILING DATE: 1998-08-07/10, 616
 PRIOR APPLICATION NUMBER: 08/910,629
 PRIOR FILING DATE: 1997-08-03
 SEQ ID NO: 124
 SEQ ID NOS: 165
 LENGTH: 20
 TYPE: DNA
 FEATURES: Artificial Sequence
 OTHER INFORMATION: Synthetic Sequence

US-09-774-809-124

Query Match
 Best Local Similarity 84.2% DB 1; Length 20;
 Matches 16; Conservative 3; Indels 0; Gaps 0;

DB 19 TCCGATCCGACCTGCTG 1

RESULT 133
 US-09-774-809-132
 Sequence 132, Application US/0974809
 GENERAL INFORMATION:
 APPLICANT: Mckay, Robert A.
 APPLICANT: Deady, Nicholas M.
 APPLICANT: Netro, Pam
 APPLICANT: Netro, William A.
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
 FILE REFERENCE: 159H-0412
 PRIORITY FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 09/396,902
 PRIOR FILING DATE: 1998-09-15
 PRIOR FILING DATE: 1998-08-07/10, 616
 PRIOR APPLICATION NUMBER: 08/910,629
 PRIOR FILING DATE: 1997-08-03
 SEQ ID NO: 132
 SEQ ID NOS: 165
 LENGTH: 20
 TYPE: DNA
 FEATURES: Artificial Sequence
 OTHER INFORMATION: Synthetic Sequence

US-09-774-809-132

Query Match
 Best Local Similarity 84.2% DB 1; Length 20;
 Matches 16; Conservative 3; Indels 0; Gaps 0;

DB 2 CACGATCCGACCTGCTG 20

RESULT 134
 US-09-870-002-22/C
 Sequence 22, Application US/9870002
 Publication No. US200003670A1
 GENERAL INFORMATION:
 APPLICANT: Moulis, B.P., Coesens, L.M. and Manoharan, M.
 TITLE OF INVENTION: Antisense oligonucleotide inhibition of ras
 NUMBER OF SEQUENCES: 5
 ADDRESSER: Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Maitland
 STATE: FLORIDA
 COUNTRY: USA
 ZIP: 08053

COMPUTER READABLE FORM:
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
 CURRENT APPLICATION NUMBER: 08/09/870,002
 FILING DATE: 30-May-2001
 CLASSIFICATION: (unknown)
 PRIOR APPLICATION NUMBER: 09/575,554
 FILING DATE: (unknown)
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 ADDRESS: 66 East Main Street
 Maitland, FL 32751
 TELEPHONE: (407) 810-1515
 TELECOMMUNICATION INFORMATION:
 REFERENCE/DOCKET NUMBER: 159H-0463
 INFORMATION FOR SEQ ID NO: 22:
 LENGTH: 20
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 SEQUENCE DESCRIPTION: SEQ ID NO: 22:
 US-09-870-002-22

Query Match
 Best Local Similarity 84.2% DB 1; Length 20;
 Matches 16; Conservative 3; Indels 0; Gaps 0;

DB 20 CAGGATCCGACCTGCTG 2

RESULT 135
 US-09-815-187-31/C
 Sequence 31, Application US/09918187
 Publication No. US2000083282A1
 GENERAL INFORMATION:
 APPLICANT: Mark J. Graham
 TITLE OF INVENTION: ANTISENSE MODULATION OF STEAROYL-CoA DESATURASE EXPRESSION
 FILE REFERENCE: 159H-0590
 PRIORITY FILING DATE: 2001-07-30
 CURRENT FILING DATE: 2001-07-30
 NUMBER OF SEQ ID NOS: 80
 SEQ ID NO: 31
 SEQ ID NOS: 165
 LENGTH: 20
 TYPE: DNA
 FEATURES: Artificial Sequence
 OTHER INFORMATION: Antisense oligonucleotide

US-09-815-187-31

Query Match 1.0% Score 14.2; DB 1; Length 20;
Beet Local Similarity 84.2% Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1286 TTAGGCTGATGCTGCTGCTC 1304
DB 20 TTAGGCTGATGCTGCTGCTC 2

RESULT 136
US-09-998-027-129/c
Sequence 129; Application US/0998027
GENERAL INFORMATION:
APPLICANT: D'Andrea et al.
TITLE OF INVENTION: Methods and Compositions for the
Prevention, Diagnosis, and Treatment of Cancers Associated with Defective
DNA Repair Mechanisms
FILE REFERENCE: 2486/101
CURRENT APPLICATION NUMBER: US/09/998,027
NUMBER OF SEQ ID NOS: 192
SOFTWARE: FASTED for Windows Version 4.0
SEQ ID NO 129
TYPE: DNA
ORGANISM: MGT90
US-09-998-027-129

Query Match 1.0% Score 14.2; DB 1; Length 20;
Beet Local Similarity 84.2% Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1313 GATTTCGACGACGCGGCTC 1331
DB 20 GATTTCGACGACGCGGCTC 2

RESULT 137
US-09-908-147-83/c
Sequence 83; Application US/09908147
GENERAL INFORMATION:
APPLICANT: Hong Zhang
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
PREVENTION, DIAGNOSIS, AND TREATMENT OF CANCERS ASSOCIATED WITH
DEFECTIVE DNA REPAIR MECHANISMS
FILE REFERENCE: RFS-0165
CURRENT APPLICATION NUMBER: US/09/908,147
NUMBER OF SEQ ID NOS: 168
SOFTWARE: FASTED for Windows Version 4.0
SEQ ID NO 83
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-83

Query Match 1.0% Score 14.2; DB 1; Length 20;
Beet Local Similarity 84.2% Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
227 TCACACGTCGACGCGGCTC 245
DB 20 TCACACGTCGACGCGGCTC 2

RESULT 138
US-10-066-972A-32
Sequence 32; Application US/10006972A
GENERAL INFORMATION:
APPLICANT: James Karyga
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
PREVENTION, DIAGNOSIS, AND TREATMENT OF CANCERS ASSOCIATED WITH
DEFECTIVE DNA REPAIR MECHANISMS
FILE REFERENCE: RFS-0330
CURRENT APPLICATION NUMBER: US/10/021,707
NUMBER OF SEQ ID NOS: 89
SOFTWARE: FASTED for Windows Version 4.0
SEQ ID NO 89
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-021-707-88

APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
PREVENTION, DIAGNOSIS, AND TREATMENT OF CANCERS ASSOCIATED WITH
DEFECTIVE DNA REPAIR MECHANISMS
FILE REFERENCE: RFS-0335
CURRENT APPLICATION NUMBER: US/10/006,972A
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 94
SOFTWARE: FASTED for Windows Version 4.0
SEQ ID NO 32
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-972A-32

Query Match 1.0% Score 14.2; DB 1; Length 20;
Beet Local Similarity 84.2% Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
776 AATGCAAGCGCTGCTGCTC 794
DB 2 AATGCAAGCGCTGCTGCTC 20

RESULT 139
US-10-032-585-4497
Sequence 4497; Application US/10032585
GENERAL INFORMATION:
APPLICANT: Taty, Roemer D.
APPLICANT: Bo, Jiansong
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10162-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 497
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-4497

Query Match 1.0% Score 14.2; DB 1; Length 20;
Beet Local Similarity 84.2% Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
998 ACCGCTCATCTACACGCTC 1016
DB 1 ACCGCTCATCTACACGCTC 19

RESULT 140
US-10-021-707-88
Sequence 88; Application US/10021707
GENERAL INFORMATION:
APPLICANT: James Karyga
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
PREVENTION, DIAGNOSIS, AND TREATMENT OF CANCERS ASSOCIATED WITH
DEFECTIVE DNA REPAIR MECHANISMS
FILE REFERENCE: RFS-0330
CURRENT APPLICATION NUMBER: US/10/021,707
NUMBER OF SEQ ID NOS: 89
SOFTWARE: FASTED for Windows Version 4.0
SEQ ID NO 88
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-021-707-88

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.8e+02;
 Matches 16; Conservative 3; Indels 0; Gaps 0;
 Db 1308 GCTGGTTCGAGAGCGGCG 1326
 1 GCTGGTTCGAGAGCGGCG 19

RESULT 141
 US-09-126-126/C
 Sequence 129 Application US/10165099
 Publication No. US2003018828A1
 GENERAL INFORMATION:
 APPLICANT: J. P. Mader, Alim
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
 TITLE OF INVENTION: DETECTING DNA REPAIR MECHANISMS AND TREATMENT THEREOF
 FILE REFERENCE: 7032/2055
 CURRENT APPLICATION NUMBER: US/10/165_099
 PRIOR APPLICATION NUMBER: US 09/998_027
 PRIOR FILING DATE: 2001-11-02
 PRIOR APPLICATION NUMBER: US 60/245,756
 NUMBER OF SEQ ID NOS: 352
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 129
 TYPE: DNA
 ORGANISM: Artificial sequence
 FEATURE: Miscellaneous: Primer
 US-10-165-099-129

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.8e+02;
 Matches 16; Conservative 3; Indels 0; Gaps 0;
 Db 1313 GCTTTCGAGAGCGGCGC 1331
 20 GCTTTCGAGAGCGGCGC 2

RESULT 142
 US-09-875-211-5
 Sequence 129 Application US/09875211
 Publication No. US2003020766A1
 GENERAL INFORMATION:
 APPLICANT: Chan, Calvin
 APPLICANT: Chan, Calvin
 APPLICANT: Hef, Lawrence
 TITLE OF INVENTION: ASYMMETRIC PRIMER PCR
 FILE REFERENCE: 4563US
 CURRENT APPLICATION NUMBER: US/09/875_211
 PRIOR FILING DATE: 2003-06-06
 PRIOR APPLICATION NUMBER: 60/209,693
 PRIOR FILING DATE: 2000-06-06
 NUMBER OF SEQ ID NOS: 32
 SOFTWARE: SeqScribe version 3.0
 SEQ ID NO 5
 TYPE: DNA
 ORGANISM: Synthetic construct
 US-09-875-211-5

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.8e+02;
 Matches 16; Conservative 3; Indels 0; Gaps 0;
 Db 1437 GCTGGTTCGAGAGCGGCG 1455
 1 GCTGGTTCGAGAGCGGCG 19

RESULT 143
 US-10-146-860-50
 Sequence 2 Application US/10146860
 Publication No. US2003022023A1
 GENERAL INFORMATION:
 APPLICANT: C. Frank Banatt
 APPLICANT: Kenneth W. Doble
 TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTESTERASE 4D EXPRESSION
 FILE REFERENCE: FTS-0351
 CURRENT APPLICATION NUMBER: US/10/146_860
 PRIOR APPLICATION NUMBER: US 09/998_027
 NUMBER OF SEQ ID NOS: 100
 SEQ ID NO 50
 TYPE: DNA
 ORGANISM: Artificial sequence
 FEATURE: Miscellaneous: Antisense Oligonucleotide
 US-10-146-860-50

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.8e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Db 883 GCTGGTTCGAGAGCGGCG 901
 1 GCTGGTTCGAGAGCGGCG 19

RESULT 144
 US-10-125-181-2
 Sequence 2 Application US/0125181
 Publication No. US2001018795A1
 GENERAL INFORMATION:
 APPLICANT: WRIGHT, Jim A.
 APPLICANT: YOUNG, Aiping H.
 TITLE OF INVENTION: COMBINATION OF GROWTH FACTOR AND ANTI-SENSE OLIGONUCLEOTIDE
 TITLE OF INVENTION: OLIGONUCLEOTIDE
 FILE REFERENCE: 1032
 CURRENT APPLICATION NUMBER: US/10/125_181
 PRIOR FILING DATE: 2002-04-17
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/295,593
 PRIOR FILING DATE: 2000-04-17
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,791
 PRIOR FILING DATE: 1998-04-23
 NUMBER OF SEQ ID NOS: 37
 SOFTWARE: PatentIn ver. 2.0
 SEQ ID NO 2
 TYPE: DNA
 ORGANISM: Human
 US-10-125-181-2

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.8e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Db 1311 GCTGGTTCGAGAGCGGCG 1329
 2 GCTGGTTCGAGAGCGGCG 20

RESULT 145
 US-10-295-593-19/C
 Sequence 2 Application US/10295942
 Publication No. US2003010946A1
 GENERAL INFORMATION:
 APPLICANT: Cordier, Roger

FILING DATE: 04-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: [REDACTED]
 REGISTRATION NUMBER: 33,505
 TELECOMMUNICATION INFORMATION: INT-032CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)423-2140
 TELEFAX: (617)423-2140
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: double-stranded
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 ORIGIN: DIRECT SEQUENCE DETERMINATION: SEQ ID NO: 21:
 US-09-349-755-21
 Query Match 1.0%; Score 14; DB 1; Length 17;
 Best Local Similarity: 100.0%; Pred. No. 2,4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Db 4 GCGGGCCCTGAG 1338
 4 GCGGGCCCTGAG 17
 RESULT 148
 US-10-166-758A-471
 Sequence 21: Application US/09166334
 Patent No. US20020169709A1
 GENERAL INFORMATION: D. J. Goodacre and Sandra Gluckman
 TITLE OF INVENTION: Nucleotide Receptors and Uses Thereof
 NUMBER OF SEQUENCES: 39
 CORRESPONDENCE ADDRESS:
 ADDRESS: LAHAY & COCKFIELD, LLP
 STREET: 38 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 SOFTWARE: SEQMAN, PC-DNA/MS-DOS
 SOPHIA, BIOLOGICAL RELEASE #1.0, Version #1.25
 CURRENT APPLICATION NUMBER: US/09/166,334
 APPLICATION NUMBER: US/09/166,334
 FILING DATE: 04-DEC-1997
 PRIOR APPLICATION:
 PRIOR APPLICATION NUMBER:
 FILING DATE: 09/04/2,780
 FILING DATE NUMBER: US 08/985,090
 FILING DATE: 04-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Elizabeth A. Hanley
 REGISTRATION NUMBER: 33,505
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)227-7400
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: double-stranded
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 ORIGIN: DIRECT SEQUENCE DETERMINATION: SEQ ID NO: 21:
 US-09-166-334-21
 Query Match 1.0%; Score 14; DB 1; Length 17;

Best Local Similarity: 100.0%; Pred. No. 2,4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Db 4 GCGGGCCCTGAG 1338
 4 GCGGGCCCTGAG 17

RESULT 150
 US-09-780-533A-669/C
 Sequence 669: Application US/09780533A
 Patent No. US2003060651A1
 GENERAL INFORMATION: Pharmacia Biotech, Inc.
 TITLE OF INVENTION: Methods and Reagents for the Inhibition of MCOO Gene
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESS: Mosiggen, Jim
 STREET: 10000
 CITY: [REDACTED]
 STATE: [REDACTED]
 COUNTRY: [REDACTED]
 ZIP: [REDACTED]
 COMPUTER READABLE FORM:
 MEDIUM TYPE: [REDACTED]
 COMPUTER: [REDACTED]
 SOFTWARE: [REDACTED]
 CURRENT APPLICATION NUMBER: US/09/780,533A
 APPLICATION NUMBER: US-09-780,533A
 FILING DATE: 2000-02-11
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6679
 SEQ ID NOS: 6679
 LENGTH: 17
 TYPE: RNA
 ORIGIN: Homo sapiens
 US-09-780-533A-669
 Query Match 1.0%; Score 14; DB 1; Length 17;
 Best Local Similarity: 100.0%; Pred. No. 2,4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Db 1222 TCTGTGAAATGCA 1235
 16 TCTGTGAAATGCA 3
 RESULT 151
 US-10-060-758A-471
 Sequence 471: Application US/10060758A
 Patent No. US20020046712A1
 GENERAL INFORMATION:
 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESS: Zhang, Jifan
 STREET: [REDACTED]
 CITY: [REDACTED]
 STATE: [REDACTED]
 COUNTRY: [REDACTED]
 ZIP: [REDACTED]
 COMPUTER READABLE FORM:
 MEDIUM TYPE: [REDACTED]
 COMPUTER: [REDACTED]
 SOFTWARE: [REDACTED]
 CURRENT APPLICATION NUMBER: US/10/060,756A
 APPLICATION NUMBER: US-10-060,756A
 FILING DATE: 2002-01-30
 PRIOR FILING DATE: 2002-01-30
 NUMBER OF SEQ ID NOS: 00667
 SEQ ID NOS: 00667
 LENGTH: 17
 TYPE: cDNA
 ORIGIN: Homo sapiens
 US-10-060-758A-471
 Query Match 1.0%; Score 14; DB 1; Length 17;
 Best Local Similarity: 100.0%; Pred. No. 2,4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Db 1222 TCTGTGAAATGCA 1235
 16 TCTGTGAAATGCA 3


```

/ APPLICANT: McOmagen, James
/ TITLE OF INVENTION: EFFECT OF Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE REFERENCE: MH001-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/70/156,306
/ NUMBER OF SEQ ID NOS: 6002-05-28
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 5783
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-156-306-5783

Query Match
Best Local Similarity 100.0%; Pred. No. 2;+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1399 GCCGAGACCTCT 1412
17 GCCGAGACCTCT 4

RESULT 156
US-09-995-529-184/C
/ Sequence 184, Application US/09995529
/ Publication No. US2003009655A1
/ APPLICANT: Meltino, Jeffrey D.
/ APPLICANT: Hane, William D.
/ APPLICANT: Tang, Ying
/ TITLE OF INVENTION: Heparin Related Collagen Antibodies and
/ FILE REFERENCE: P-IX 4976
/ CURRENT APPLICATION NUMBER: US/09/995,529
/ NUMBER OF SEQ ID NOS: 2001-11-76
/ SOFTWARE: Patentin for Windows Version 4.0
/ SEQ ID NO 184
/ LENGTH: 18
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer

Query Match
Best Local Similarity 100.0%; Pred. No. 2;+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 744 CGAAGACACGCA 757
18 CGAAGACACGCA 5

RESULT 157
US-10-058-597-5/C
/ Sequence 157, Application US/10055557
/ Publication No. US2003018626A1
/ GENERAL INFORMATION:
/ APPLICANT: Kagi, Sanay
/ TITLE OF INVENTION: ANTIBODIES AND APPLICATIONS OF POSITIVE REPRODUCTIVE AND REPR
/ TITLE OF INVENTION: SYNDROME VIRUS HOST SUSCEPTIBLE FACTORS
/ FILE REFERENCE: A TARGET FOR A NOVEL CLASS OF ANTIVIRAL COMPOUNDS
/ CURRENT APPLICATION NUMBER: US/10/058,597
/ CURRENT FILING DATE: 2003-01-22
/ PRIOR APPLICATION NUMBER: 09/772,044
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: Patentin version 3.1

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/ SEQ ID NO 5
/ LENGTH: 19
/ ORGANISM: Simian Gen. sp.
US-10-058-597-5

Query Match
Best Local Similarity 100.0%; Pred. No. 3;+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 458 AAGCAGCTACATC 471
17 AAGCAGCTACATC 4

RESULT 158
US-09-972-607-5
/ Sequence 5, Application US/09972607
/ Publication No. US2003010503A1
/ GENERAL INFORMATION:
/ APPLICANT: Bectel, Meela
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSIO
/ FILE REFERENCE: FIS-0191
/ CURRENT APPLICATION NUMBER: US/09/972,607
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 5
/ LENGTH: 20
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-09-972-607-5

Query Match
Best Local Similarity 100.0%; Pred. No. 4;+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1399 GCCGAGACCTCT 1412
17 GCCGAGACCTCT 16

RESULT 159
US-09-866-108-1280/C
/ Sequence 180, Application US/09866108
/ Publication No. US2003010503A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yishong
/ APPLICANT: Ji, Yonggang
/ APPLICANT: HANZEL, David R.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenbing
/ TITLE OF INVENTION: A NOVEL GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOCA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: 00-602/07,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 2463,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR FILING DATE: 2000-09-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-05
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Seqman Sequence Distinguishing Engine
/ SEQ ID NO 1280
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORIGIN:

```

```

Query Match
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Cy 1090 TTTCTCCCTCCCTCTCA 1106
Db 17 TTTCTCCCTCCCTCTCA 1

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```

RESULT 160
US-09-866-108-2705/c
/ Sequence 2705, Application US/09866108
/ Patent No. US2002048800A1
/ ORIGIN:
/ APPLICANT: GU, Yizhong
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: BAXX, David R.
/ APPLICANT: CHEN, Wenhang
/ APPLICANT: SHANNON, Mark
/ TITLE REFERENCE: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ SEQ ID NO 9063
/ SOFTWARE: Seqman Sequence Distinguishing Engine

```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Seqman Sequence Distinguishing Engine
/ SEQ ID NO 1280
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORIGIN:

```

```

Query Match
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Cy 1206 AATCCCACTCAACTCT 1222
Db 17 AATCCCACTCAACTCT 1

```

```

RESULT 161
US-09-866-108-8083/c
/ Sequence 8083, Application US/09866108
/ Patent No. US2002048800A1
/ ORIGIN:
/ APPLICANT: GU, Yizhong
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: BAXX, David R.
/ APPLICANT: CHEN, Wenhang
/ APPLICANT: SHANNON, Mark
/ TITLE REFERENCE: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Seqman Sequence Distinguishing Engine
/ SEQ ID NO 9063

```

LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-864-108-8083

Query Match

Best Local Similarity: 9.2%; Pred. No. 2.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1401 CCGATCGCTTCGCGG 1417
 DB 17 CAGGAAATCTACCGG 1

RESULT 152

US-09-872-462-152/C
 Sequence 152; Application US/09872462
 Patent No. US20020169295A1

GENERAL INFORMATION:

APPLICANT: Corrigene Any
 APPLICANT: KowaSigen, Jim

TITLE OF INVENTION: HUMAN HBOD1
 CURRENT FILING DATE: 2001-06-01

PRIOR FILING DATE: 2000-09-27
 PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
 PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
 PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
 PRIOR FILING DATE: 2001-01-30

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PRIOR FILING DATE: 2001-01-30
 PRIOR FILING DATE: 2001-01-30

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: 400/012 (HBH00-812-D)

CURRENT FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 308

TYPE: RNA

ORGANISM: Artificial Sequence

DESCRIPTION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-508

Query Match

Best Local Similarity: 76.5%; Pred. No. 2.6e+02;
 Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1555 ACGATCGCTTCGCGG 1571
 DB 1 AGGAGACGAGCGGCGG 17

RESULT 164

US-09-780-533A-1419/C
 Sequence 1419; Application US/09780533A
 Publication No. US2000060611A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: KowaSigen, Jim

TITLE OF INVENTION: Ribozyme

CURRENT FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

NUMBERS OF SEQ ID NOS: 6679
 SOFTWARE: Patmatch version 3.0
 SEQ ID NO 1420
 LENGTH: 17
 OTHER: RNA Homologues
 US-09-780-533-1420

Query Match 1.0% Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2% Pred. No. 2.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1319 ORGANISMS/SEQUENCE 1335
 17 CHEMICAL/SEQUENCE 1

RESULT 165
 US-09-877-478-879/C
 Sequence 879; Application US/0987478
 Publication No. US20030068301A1

GENERAL INFORMATION: Pharmacueticals, Inc.
 APPLICANT: Draper, Kenneth
 APPLICANT: Blatter, Kenneth

APPLICANT: Moss/Segm, Dale
 APPLICANT: Moss/Segm, Dale
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

TITLE REFERENCE: HMBH00-845-H (400/029)

CURRENT FILING DATE: 2000-03-02

PRIOR FILING DATE: 1992-05-14

PRIOR APPLICATION NUMBER: US 07/882,712

PRIOR FILING DATE: 1992-05-14

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 09/535,388

PRIOR FILING DATE: 2000-10-10

PRIOR APPLICATION NUMBER: US 08/359,627

PRIOR FILING DATE: 1994-02-07

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 06/434,504

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/336,430

NUMBER OF SEQ ID NOS: 6586-08

SOFTWARE: Patmatch version 3.0

SEQ ID NO 879

LENGTH: 17

TYPE: RNA

OTHER INFORMATION: Hepatitis B virus

US-09-877-478-879

Query Match 1.0% Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2% Pred. No. 2.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1463 CHEMICAL/SEQUENCE 1478

17 CHEMICAL/SEQUENCE 1

RESULT 167

US-09-776-474-241

Publication No. US2003008781A1

GENERAL INFORMATION: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme, All
 APPLICANT: Rhozyme, All
 TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CK)

TITLE REFERENCE: HMBH00-955-A (400/008)

CURRENT FILING DATE: 2000-03-02

PRIOR FILING DATE: 2000-03-02

PRIOR APPLICATION NUMBER: US 60/179,983

SOFTWARE: Patmatch version 3.0

SEQ ID NO 241

LENGTH: 17

TYPE: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-241

Query Match 1.0% Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9% Pred. No. 2.6e+02;
 Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

DB 795 CHEMICAL/SEQUENCE 811

1 CHEMICAL/SEQUENCE 17

RESULT 168

US-09-776-474-242

Publication No. US2003008781A1

GENERAL INFORMATION: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

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APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Rhozyme Pharmaceuticals, Inc.

FILE REFERENCE: RPT 400/003
 CURRENT FILING DATE: 2002-09-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 4392
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/REV: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-4392

Query Match
 Best Local Similarity: 82.4%; Pred. No. 2,6e+02;
 Matches: 14; Conservative: 1; Mismatches: 2; Indels: 0; Gaps: 0;

315 GAAAGCCCGAGCGCGCG 331
 1 GAAAGCCCGAGCGCGCG 17

RESULT 170
 US-10-238-760-867
 Sequence 867, Application US/10238700
 Publication No. US2003015352A1
 GENERAL INFORMATION:
 APPLICANT: Ribosyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levet
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: PCT/US 02/16840
 CURRENT FILING DATE: 2001-09-10
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 1466
 SEQ ID NO 867
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-760-867

Query Match
 Best Local Similarity: 64.7%; Pred. No. 2,6e+02;
 Matches: 11; Conservative: 1; Mismatches: 2; Indels: 0; Gaps: 0;

1215 GAACTGCTGCGGAAAC 1331
 1 GAAATGCGAAGGAGGAC 17

RESULT 171
 US-09-817-979-4392
 Sequence 4392, Application US/09817879
 Publication No. US2003017311A1
 GENERAL INFORMATION:
 APPLICANT: Ribosyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: NEH00-801-P
 CURRENT APPLICATION NUMBER: US/09817,879
 NUMBER OF SEQ ID NOS: 9703
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 4392
 TYPE: RNA
 ORGANISM: artificial sequence

FEATURE:
 NAME/REV: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4392

Query Match
 Best Local Similarity: 82.4%; Pred. No. 2,6e+02;
 Matches: 14; Conservative: 1; Mismatches: 2; Indels: 0; Gaps: 0;

315 GAAAGCCCGAGCGCGCG 331
 1 GAAAGCCCGAGCGCGCG 17

RESULT 172
 US-10-230-006-745/
 Sequence 745, Application US/10230006
 Publication No. US2003019077A1
 GENERAL INFORMATION:
 APPLICANT: Ribosyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
 FILE REFERENCE: 400/056 (NEH00-1110)
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: US 60/315,315
 PRIOR FILING DATE: 2001-08-28
 NUMBER OF SEQ ID NOS: 2678
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 745
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-230-006-745

Query Match
 Best Local Similarity: 68.4%; Pred. No. 2,6e+02;
 Matches: 15; Conservative: 0; Mismatches: 2; Indels: 0; Gaps: 0;

322 GAGTGGCGAGCGCGCG 338
 17 GCGAGCGAGGAGCGCG 1

RESULT 173
 US-10-260-638-107
 Sequence 107, Application US/10260638
 Publication No. US20030202727A1
 GENERAL INFORMATION:
 APPLICANT: Ribosyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: COSMOGENIC EUKARYOTIC CELL COLLECTIONS
 FILE REFERENCE: NAFPO-12 US
 CURRENT APPLICATION NUMBER: US/10260,638
 CURRENT FILING DATE: 2001-09-27
 PRIOR APPLICATION NUMBER: 60/322,992
 NUMBER OF SEQ ID NOS: 196
 SOFTWARE: PatentIn ver. 2.1
 SEQ ID NO 107
 TYPE: DNA
 ORGANISM: Artificial Sequence
 NAME/REV: misc_feature
 LOCATION:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-260-638-107

Query Match
 Best Local Similarity: 88.2%; Pred. No. 2,6e+02;
 Matches: 15; Conservative: 0; Mismatches: 2; Indels: 0; Gaps: 0;


```

/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR FILING DATE: 2001-01-30/US01/00663
/ PRIOR FILING DATE: 2001-01-30/US 09/864,761
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/325,062
/ PRIOR FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 1123
/ SOFTWARE: Aecma Sequence Lister Engine
/ SEQ ID NO: 681
/ SEQ ID NO: 682
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-830-861
Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
368 GAGGACGCTCCGCTCTCTCT 364
DB 17 GAGGACGCTCCGCTCTCTCT 1
RESULT 178
US-10-044-539-248/C
/ Sequence 248, Application US/100445392
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ INVENTOR: Lingner, Joachim
/ INVENTOR: Nakamura, Toren B.
/ INVENTOR: Morin, Gregg B.
/ INVENTOR: Harley, Calvin
/ TITLES OF INVENTION: COMPARATIVE CATALYTIC SUBUNIT; DIAGNOSTIC AND
/ CORRESPONDENCE ADDRESSES: 144 and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, 8th Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States of America
/ ZIP: 94111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION NUMBER: US/10/044,532
/ APPLICATION NUMBER: 08/912,951
/ CLASSIFICATION: <chem>
/ PRIOR APPLICATION DATA:
/ FILING DATE: 06-04-1997
/ APPLICATION NUMBER: 08/912,951
/ FILING DATE: 09-04-1997
/ APPLICATION NUMBER: US 08/951,843
/ FILING DATE: 06-04-1997
/ APPLICATION NUMBER: 08/944,419
/ FILING DATE: 25-04-1997
/ APPLICATION NUMBER: US 08/944,419
/ FILING DATE: 18-04-1997
/ APPLICATION NUMBER: 08/944,419
/ FILING DATE: 01-01-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ ADDRESS: 10000 Apple Way, Suite 100
/ REFERENCE/LOCKER NUMBER: 01589-002600US

```

```

/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-044-592-248
Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1420 GTGGGCTCCGCTCTCTCT 1416
DB 17 GAGGACGCTCCGCTCTCTCT 1
RESULT 179
US-10-218-957-12/C
/ Sequence 12, Application US/10218957
/ GENERAL INFORMATION:
/ APPLICANT: Pfizer Products Inc.
/ APPLICANT: Kennedy, Scott P.
/ APPLICANT: Sun, Duane
/ TITLE OF INVENTION: HEMOPHILIN NH2
/ FILE REFERENCE: PCT/US01/05415
/ CURRENT FILING DATE: 2002-08-14
/ PRIOR FILING DATE: 2001-08-31
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 12
/ SEQ ID NO: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-218-957-12
Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1294 GTGGGCTCCGCTCTCTCT 1310
DB 17 GTGGGCTCCGCTCTCTCT 1
RESULT 180
US-10-044-539-248/C
/ Sequence 248, Application US/10044539
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ INVENTOR: Lingner, Joachim
/ INVENTOR: Nakamura, Toren B.
/ INVENTOR: Morin, Gregg B.
/ INVENTOR: Harley, Calvin
/ TITLES OF INVENTION: COMPARATIVE CATALYTIC SUBUNIT; DIAGNOSTIC AND
/ CORRESPONDENCE ADDRESSES: 144 and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, 8th Floor
/ CITY: San Francisco
/ STATE: California

```


STRANDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 2941
 US-10-056-41c284

Query Match Best Local Similarity 80.0%; Score 13.4; DB 1; Length 15;
 Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 QY 1557 ATCAAGCTCCACAGG 1571
 DB 1 AAGGCGCTCAAGGG 15

RESULT 192
 US-09-827-998-526
 Sequence 527, Application US/09827998
 Patent No. US20020102252A1
 GENERAL INFORMATION:
 APPLICANT: Gu, Yishong
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANTY-ASSOCIATED PROTEIN E
 FILE REFERENCE: NMH06F-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 PRIOR APPLICATION NUMBER: US 60/407,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/336,359
 PRIOR FILING DATE: 2000-05-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aesonic Sequence Listing Engine
 SEQ ID NO 526
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-827-998-526

Query Match Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1463 GAGACGACAGAGAAAT 1477
 DB 3 GAAACGACAGAGAAAT 17

RESULT 193
 US-09-827-998-527
 Sequence 527, Application US/09827998
 Patent No. US20020102252A1
 GENERAL INFORMATION:
 APPLICANT: Gu, Yishong
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANTY-ASSOCIATED PROTEIN E
 FILE REFERENCE: NMH06F-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 PRIOR APPLICATION NUMBER: US 60/407,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-05-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aesonic Sequence Listing Engine
 SEQ ID NO 527
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-827-998-527

Query Match Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1463 GAGACGACAGAGAAAT 1477
 DB 2 GAAACGACAGAGAAAT 16

RESULT 194
 US-09-827-998-528
 Sequence 528, Application US/09827998
 Patent No. US20020102252A1
 GENERAL INFORMATION:
 APPLICANT: Gu, Yishong
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANTY-ASSOCIATED PROTEIN E
 FILE REFERENCE: NMH06F-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 PRIOR APPLICATION NUMBER: US 60/407,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-05-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aesonic Sequence Listing Engine
 SEQ ID NO 528
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-827-998-528

Query Match Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1463 GAGACGACAGAGAAAT 1477
 DB 1 GAAACGACAGAGAAAT 15

RESULT 195
 US-09-864-785-509
 Sequence 509, Application US/09864785
 Patent No. US20020177668A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Ribozyme Pharmaceuticals, Inc.
 FILE REFERENCE: NMH06F-8
 CURRENT APPLICATION NUMBER: US/09/864,785
 PRIOR APPLICATION NUMBER: US 60/407,456
 PRIOR FILING DATE: 2001-05-23
 NUMBER OF SEQ ID NOS: 3929
 SOFTWARE: Aesonic Sequence Listing Engine
 SEQ ID NO 509
 TYPE: RNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 US-09-864-785-509

Query Match Best Local Similarity 80.0%; Score 13.4; DB 1; Length 17;
 Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 QY 1557 ATCAAGCTCCACAGG 1571
 DB 1 AAGGCGCTCAAGGG 15

RESULT 196
 US-09-780-533A-1509/C
 Sequence 1509, Application US/09780533A

US-09-877-478-171

Query Match 0.9% Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.9e+02; Mismatches 1; Gaps 0;

1464 GCGCCGACGAGGATC 1478
 DB 16 GACCCAGAGGATTC 2

RESULT 200

US-09-877-478-172/C

Sequence 172, Application US/09877478

Publication No. US2003068301A1

APPLICANT: Riboxyme Pharmaceuticals, Inc.

APPLICANT: Draper, Kenneth

APPLICANT: Blact, Larry

APPLICANT: Morissey, Dave

APPLICANT: Morissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REFERENCE: WMBH00-845-H (400/023)

CURRENT FILING DATE: 2000-03-20

PRIOR FILING DATE: US 07/882,712

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 1992-05-14

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 09/536,385

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR FILING DATE: 1994-02-07

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/436,430

NUMBER OF SEQ ID NOS: 6586

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 172

TYPE: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-172

Query Match 0.9% Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.9e+02; Mismatches 1; Gaps 0;

1462 GCGCCGACGAGGATC 1476
 DB 16 GACCCAGAGGATTC 2

RESULT 201

US-09-877-478-808

Sequence 808, Application US/09877478

Publication No. US2003068301A1

APPLICANT: Riboxyme Pharmaceuticals, Inc.

APPLICANT: Draper, Kenneth

APPLICANT: Blact, Larry

APPLICANT: Morissey, Dave

APPLICANT: Morissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REFERENCE: WMBH00-845-H (400/023)

CURRENT FILING DATE: 2000-03-20

PRIOR FILING DATE: US 07/882,712

PRIOR APPLICATION NUMBER: US 07/882,712

PRIOR FILING DATE: 1992-05-14

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: US 09/536,385

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 09/536,347

PRIOR FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR FILING DATE: 1999-11-08

NUMBER OF SEQ ID NOS: 6586

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 808

TYPE: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-808

Query Match 0.9% Score 13.4; DB 1; Length 17;

Best Local Similarity 60.0%; Pred. No. 2.9e+02; Mismatches 9; Gaps 0;

1425 GCGCCGACGAGGATC 1439
 DB 2 GCGCCGACGAGGATC 16

RESULT 202

US-09-877-478-809

Sequence 809, Application US/09877478

Publication No. US2003068301A1

APPLICANT: Riboxyme Pharmaceuticals, Inc.

APPLICANT: Draper, Kenneth

APPLICANT: Blact, Larry

APPLICANT: Morissey, Dave

APPLICANT: Morissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REFERENCE: WMBH00-845-H (400/023)

CURRENT FILING DATE: 2001-12-31

PRIOR FILING DATE: US 07/882,712

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: US 09/536,385

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR FILING DATE: 1994-02-07

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR FILING DATE: 1999-11-08

NUMBER OF SEQ ID NOS: 6586

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 809

TYPE: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-809

Query Match 0.9% Score 13.4; DB 1; Length 17;

Best Local Similarity 60.0%; Pred. No. 2.9e+02; Mismatches 9; Gaps 0;

Db 3 GTCGCACGACCTTCCA 17

RESULT 211

US-09-969-373-2284/c
Sequence 128, Application US/09969373
Patent No. US20020137082A1
GENERAL INFORMATION:

APPLICANT: Effectz, Roger J.
APPLICANT: Amgen, Brian A. SSB and Methods of Genotyping
FILE REFERENCE: 38-10356591A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-07-30/954,953
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US/09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US/09/555,766
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 284
LENGTH: 18
TYPED: DNA
ORGANISM: glycine max

Query Match 0.9%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 3.5e+02; Matches 14; Conservative 1; Indels 0; Gaps 0;

1141 GTGACGTGCTGCTGAC 1185

Db 15 GAGACCTGCTGCTGAC 1

RESULT 212

US-09-918-1864-18
Sequence 97, Application US/09918186A
Patent No. US20020137708A1
GENERAL INFORMATION:

APPLICANT: C. Frank Baumgart
APPLICANT: Genzyme, Elizabeth J. McCreathman
APPLICANT: Eric R. Swartz
APPLICANT: Lex M. Covert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
CURRENT APPLICATION NUMBER: US/09/918,186A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2001-07-30/954,953
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 18
LENGTH: 18
TYPED: DNA
ORGANISM: Artificial

FEATURES:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-918-1864-18

Query Match 0.9%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 3.5e+02; Matches 14; Conservative 1; Indels 0; Gaps 0;

991 TTTCGCACGACCTTCC 1005

Db 3 TCTCCACGACGACCTC 17

RESULT 213

US-09-918-1864-58
Sequence 98, Application US/09918186A
Patent No. US20020137708A1
GENERAL INFORMATION:

APPLICANT: Effectz, Roger J.
APPLICANT: Amgen, Brian A. SSB and Methods of Genotyping
FILE REFERENCE: 38-10356591A
CURRENT APPLICATION NUMBER: US/09/918,186A
CURRENT FILING DATE: 2001-07-30/954,953
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US/09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US/09/555,766
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 58
LENGTH: 18
TYPED: DNA
ORGANISM: Artificial

Query Match 0.9%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 3.5e+02; Matches 14; Conservative 1; Indels 0; Gaps 0;

991 TTTCGCACGACCTTCC 1005

Db 3 TCTCCACGACGACCTC 17

RESULT 214

US-09-918-1864-97/c
Sequence 97, Application US/09944410
Patent No. US2003005453A1
GENERAL INFORMATION:

APPLICANT: Genzyme, Elizabeth J. McCreathman
APPLICANT: Eric R. Swartz
APPLICANT: Lex M. Covert
TITLE OF INVENTION: COLLECTIONS OF UNIFORMLY TAGGED MOLECULES
CURRENT APPLICATION NUMBER: US/09/944,410
CURRENT FILING DATE: 2001-07-30/954,953
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 113
SOFTWARE: Pictelin version 3.1
SEQ ID NO 97
LENGTH: 18
TYPED: DNA
ORGANISM: Artificial

FEATURES:

OTHER INFORMATION: Synthetic primer

US-09-944-410-97

Query Match 0.9%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 1.6e+02; Matches 14; Conservative 1; Indels 0; Gaps 0;

522 GCCCAATGCGCTGCA 536

Db 15 GCGGACGACCTGCA 1

RESULT 215

US-09-910-617-100/c
Sequence 100, Application US/0970617
Patent No. US20020068279A1
GENERAL INFORMATION:

APPLICANT: Bayer, Catherine E.
APPLICANT: Prayaga, Subhiksha K

Query Match 0.9%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 3.5e+02; Matches 14; Conservative 1; Indels 0; Gaps 0;

991 TTTCGCACGACCTTCC 1005

Db 3 TCTCCACGACGACCTC 17


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RESULT 219
US-10-133-779-202/c
/ Publication 202, Application US/10133779
/ GENERAL INFORMATION:
/ APPLICANT: NCS418gen, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (US/054)
/ CURRENT FILING DATE: 2002-07-23
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ NUMBER OF SEQ ID NOS: 278
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 202
/ LENGTH: 19
/ TYPER: RNA
/ ORGANISM: Artificial Sequence
/ DESCRIPTION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-133-779-202
Query Match 0.94; Score 13.4; DB 1; Length 19;
Match Local Similarity 93.3%; Pct. Match 100%;
Matches 14; Conservative 1; Indels 0; Gaps 0;
Db 19 CCCCCCCCCCCCCC 210
19 AGCGTCCGCTCTAC 5

RESULT 220
US-10-225-023-177/c
/ Sequence 177, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: NCS418gen, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (US/054)
/ CURRENT FILING DATE: 2002-07-23
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 177
/ LENGTH: 19
/ TYPER: RNA
/ ORGANISM: Artificial Sequence
/ DESCRIPTION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-225-023-177
Query Match 0.94; Score 13.4; DB 1; Length 19;
Match Local Similarity 93.3%; Pct. Match 100%;
Matches 14; Conservative 1; Indels 0; Gaps 0;
Db 1083 CCCCCCCCCCCCCC 1097
16 CCCCCCCCCCCCCC 2

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/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: NCS418gen, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (US/054)
/ CURRENT FILING DATE: 2002-07-23
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 249
/ LENGTH: 19
/ TYPER: RNA
/ ORGANISM: Artificial Sequence
/ DESCRIPTION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-225-023-249
Query Match 0.94; Score 13.4; DB 1; Length 19;
Match Local Similarity 93.3%; Pct. Match 100%;
Matches 14; Conservative 1; Indels 0; Gaps 0;
Db 1083 CCCCCCCCCCCCCC 1097
15 CCCCCCCCCCCCCC 1

RESULT 223
US-10-225-023-301/c
/ Sequence 249, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: NCS418gen, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (US/054)
/ CURRENT FILING DATE: 2002-07-23
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 249
/ LENGTH: 19
/ TYPER: RNA
/ ORGANISM: Artificial Sequence
/ DESCRIPTION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-225-023-301/c
Query Match 0.94; Score 13.4; DB 1; Length 19;
Match Local Similarity 93.3%; Pct. Match 100%;
Matches 14; Conservative 1; Indels 0; Gaps 0;
Db 1083 CCCCCCCCCCCCCC 1097
15 CCCCCCCCCCCCCC 1

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RESURF 227
US-10-225-023-987
/ Sequence 987, Application US/1025023
/ Publication No. US20030175950A1
/ ORGANISM: Rhizyme Pharmaceuticals, Inc.
/ APPLICANT: McgWiggen, James
/ TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1594
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 987
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-225-023-987

Query Match 0.94; Score 13.4; DB 1; Length 19;
Base Local Similarity 5.34; Pred. No. 4.1e+02;
Matches 8; Conservative 1; Indels 0; Gaps 0;

Db 1083 CCCCCCTTCTTC 1097
|||||
5 CCCCCGCGGCGGCGC 19

RESURF 228
US-10-225-023-1039
/ Sequence 1039, Application US/1025023
/ Publication No. US20030175950A1
/ ORGANISM: Rhizyme Pharmaceuticals, Inc.
/ APPLICANT: McgWiggen, James
/ TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1594
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1039
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-225-023-1039

Query Match 0.94; Score 13.4; DB 1; Length 19;
Base Local Similarity 5.34; Pred. No. 4.1e+02;
Matches 8; Conservative 1; Indels 0; Gaps 0;

Db 1083 CCCCCCTTCTTC 1097
|||||
1 CCCCCGCGGCGGCGC 15

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RESURF 229
US-10-225-023-1076
/ Sequence 1076, Application US/1025023
/ Publication No. US20030175950A1
/ ORGANISM: Rhizyme Pharmaceuticals, Inc.
/ APPLICANT: McgWiggen, James
/ TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1076
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-225-023-1076

Query Match 0.94; Score 13.4; DB 1; Length 19;
Base Local Similarity 5.34; Pred. No. 4.1e+02;
Matches 8; Conservative 1; Indels 0; Gaps 0;

Db 1083 CCCCCCTTCTTC 1097
|||||
2 CCCCCGCGGCGGCGC 16

RESURF 230
US-10-205-309-269
/ Sequence 269, Application US/10205309
/ Publication No. US20030190635A1
/ APPLICANT: Rhizyme Pharmaceuticals, Inc.
/ APPLICANT: McgWiggen, James
/ TITLE OF INVENTION: RNA interference Mediated Inhibition of Alzheimer's Disease Using
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 269
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense 2
US-10-205-309-269

Query Match 0.94; Score 13.4; DB 1; Length 19;
Base Local Similarity 86.74; Pred. No. 4.1e+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

Db 1464 GAGCGCAAGAGAAATG 1478
|||||
1 GAGCGCAAGAGAAATG 15

RESURF 231
US-10-205-309-594/C
/ Sequence 594, Application US/10205309
/ Publication No. US20030190635A1

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GENERAL INFORMATION:
APPLICANT: Kiloocyte Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Albinism's Disease Using
FILE REFERENCE: 900/033
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 674
SOFTWARE: PatentIn Version 3.0
SD: 10,394
LENGTH: 134
TYPE: RNA
ORGANISM: Artificial Sequence
DESCRIPTION: Description of Artificial Sequence: siRNA antisense region
Query Match 0.94; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pctid No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 1664 GACCACGAGAGAAATG 1478
19 GACCGACGAGAGAAATG 5

RESULT 232
US-09-382-860-282/C
Sequence 282, Application US/09382860
Publication No. US2003103526A1
GENERAL INFORMATION:
APPLICANT: Hoffmann, Robert H.
APPLICANT: Hoffmann, Eric
APPLICANT: Hoffmann, Eric
TITLE OF INVENTION: DISPERLIN MUTATIONS
FILE REFERENCE: 00786/401002
CURRENT APPLICATION NUMBER: US/09/382,860
PUBLICATION NUMBER: 2003-08-26/0971,930
EARLIER FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 283
SOFTWARE: PatentSeq for Windows Version 3.0
SD: 11,403
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-382-860-282
Query Match 0.94; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pctid No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 747 GACACACGACGACGAT 761
19 GACACGACGACGAT 5

RESULT 233
US-09-420-433-49
Sequence 49, Application US/09420433
Publication No. US20020098480A1
GENERAL INFORMATION:
APPLICANT: Sridharan, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
FILE REFERENCE: 900/033
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Specialty Horn Jubee & Jubee
ATTORNEY: 1860 Wilshire Park Blvd., Suite 500
CITY: Los Angeles

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STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER: SUNBLUR ROOM.
MEDIA TYPE: CD-ROM
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent release #1.0, Version #1.25
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 433
FILING DATE:
CLASSIFICATION: DATA.
PUBLICATION NUMBER:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
ATTORNEY/AGENT INFORMATION: Ph.D., John R.
NAME: McNeill, Jr., Ph.D., John R.
REFERENCE/DOCKET NUMBER: PD-1055
TELEPHONE: (619) 455-5100
FAX: (619) 455-5100
INFORMATION FOR SEQ ID NO: 10
SEQUENCE CHARACTERISTICS: 49;
LENGTH: 18 base pairs
STRAND: Double strand
TOPOLOGY: Linear
MOLECULE TYPE: DNA (genomic)
FEATURES: CDS
LOCATION: 1..18
US-09-420-433-49
Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pctid No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 525 CATTACCTTAAGGCGCCAT 542
1 CATTACCTTAAGGCGCCAT 18

RESULT 234
US-09-942-588A-34/C
Sequence 34, Application US/09942588A
Publication No. US2002010667A1
GENERAL INFORMATION:
APPLICANT: Canon, INC.
TITLE OF INVENTION: Screening method for gene variation
FILE REFERENCE: CPO 15717
CURRENT APPLICATION NUMBER: US/09/942,588A
PUBLICATION NUMBER: 2000-08-31
PRIOR FILING DATE: 2000-263396
NUMBER OF SEQ ID NOS: 67
SOFTWARE: SeqScribe
SD: 10,394
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
OTHER INFORMATION: Sample oligonucleotide
US-09-942-588A-34
Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pctid No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 526 ATTACCTTAAGGCGCCAT 543
18 ATTACCTTAAGGCGCCAT 1

```

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RESULT 235
US-09-764-420A-35/C
/ Sequence 35, Application US/09764420A
/ Patent No. US02002015072A1
/ PUBLICATION NO. US2002015072A1
/ GENERAL INFORMATION:
/ APPLICANT: Yamamoto, Tadashi
/ APPLICANT: Okamoto, Tadamichi
/ APPLICANT: Banuki, Tomohito
/ TITLE OF INVENTION: Manufacturing Process For
/ TITLE OF INVENTION: Manufacturing Process For
/ TITLE OF INVENTION: Detecting Target Substance Method Of
/ TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
/ TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
/ TITLE OF INVENTION: Quantitative Determination Of Target Substance
/ TITLE OF INVENTION: In Sample
/ FILE REFERENCE: 35C.15238
/ CURRENT APPLICATION NUMBER: US/09/764,420A
/ NUMBER OF SEQ ID NOS: 65
/ SEQ ID NO 35
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ LOCATION:
/ OTHER INFORMATION: Probe Sequence
US-09-764-420A-35
Query Match 0.91; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.31; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
|||||
526 ATGACCTGAGGCTCACC 543
|||||

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```

DB 18 ATGACCTGAGGCTCACC 1
RESULT 237
US-09-873-075A-10
/ Sequence 34, Application US/09873075A
/ Patent No. US02002012323A1
/ PUBLICATION NO. US2002012323A1
/ GENERAL INFORMATION:
/ APPLICANT: Seidenberg, Allan
/ APPLICANT: Seidenberg, Allan
/ APPLICANT: Polyvans, Shilo
/ APPLICANT: Matsui, Tomoko
/ TITLE OF INVENTION: Cultivar Variants
/ TITLE OF INVENTION: Cultivar Variants
/ CURRENT APPLICATION NUMBER: US/09/873,075A
/ NUMBER OF SEQ ID NOS: 10
/ SEQ ID NO 1
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ LOCATION:
/ OTHER INFORMATION: Primer
US-09-873-075A-10
Query Match 0.91; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.31; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
|||||
970 TTGACGCTCCGAAATCC 987
|||||
DB 1 TTGACGCTCCGAAATCC 18
RESULT 238
US-09-942-596A-34/C
/ Sequence 34, Application US/09942596A
/ Patent No. US0200200846A1
/ PUBLICATION NO. US200200846A1
/ GENERAL INFORMATION:
/ APPLICANT: Canon Inc.
/ APPLICANT: Canon Inc.
/ TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
/ TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
/ CURRENT APPLICATION NUMBER: JP 62506/2000
/ PRIOR APPLICATION NUMBER: JP 62506/2000
/ CURRENT FILING DATE: 2001-08-31
/ NUMBER OF SEQ ID NOS: 46
/ SEQ ID NO 34
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ LOCATION:
/ OTHER INFORMATION: Sample oligonucleotide
US-09-942-596A-34
Query Match 0.91; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.31; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
|||||
526 ATGACCTGAGGCTCACC 543
|||||
DB 18 ATGACCTGAGGCTCACC 1
RESULT 239
US-09-988-879A-34/C
/ Sequence 34, Application US/09988879A
/ Patent No. US02002007160A1
/ PUBLICATION NO. US2002007160A1
/ GENERAL INFORMATION:
/ APPLICANT: Canon Inc.
/ APPLICANT: Canon Inc.
/ TITLE OF INVENTION: Labeled probe array and method of making it
/ TITLE OF INVENTION: Labeled probe array and method of making it
/ FILE REFERENCE: C0105961

```



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/ APPLICANT: Gutney, Austin L.
/ APPLICANT: HALL, Michael U.
/ APPLICANT: Pan, James
/ TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2810PCL Encoding the Same
/ CURRENT APPLICATION NUMBER: US/10/006.130A
/ PRIOR FILING DATE: 2002-03-19
/ PRIOR APPLICATION NUMBER: 60/098821
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ FEATURE: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-467

Query Match
Best Local Similarity 83.3%; Score 13.2; nm 1;
Seed Local Similarity 83.3%; Seed No.3;7e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 704 ACACCTCCACCTCCGCGC 121
Db 18 ACACCTCCACCTCCGCGC 1

RESULT 243
US-10-006-172A-467/C
/ Sequence 467: Application US/10006172A
/ GENERAL INFORMATION: US/1003051300A1
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bocerstein, David
/ APPLICANT: Biederman, Luc
/ APPLICANT: Biederman, Luc
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Ford, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gutney, Austin L.
/ APPLICANT: HALL, Michael U.
/ APPLICANT: Pan, James
/ APPLICANT: Paul, Nicholas P.
/ TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2810PCL Encoding the Same
/ CURRENT APPLICATION NUMBER: US/10/006.172A
/ PRIOR FILING DATE: 2002-03-19
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098739
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098936
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/099558
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/099602

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/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099642
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099741
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099754
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099763
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099792
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099808
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099812
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099815
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099816
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/100385
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100388
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100390
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100584
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100627
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100651
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100662
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100664
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100683
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100684
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100710
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100711
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100848
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100849
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100919
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100920
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/101014
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101068
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101071
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101279
/ PRIOR FILING DATE: 1998-09-22
/ PRIOR APPLICATION NUMBER: 60/101472
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101474
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101475
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101476
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101477
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101479
/ PRIOR FILING DATE: 1998-09-23

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/ FILE REFERENCE: P2830P1C58
/ CURRENT FILING DATE: 1998-09-01
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-352A-467

Query Match
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACAAGTCGCACTCTGGCC 721
DB 18 ACAAGTCGCACTCTGGCC 1

RESULT 246
US-10-017-253A-467/C
Sequence 467: Application US/10017253A
/ Publication No. US20001016055A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Demicheli, David
/ APPLICANT: Demicheli, David
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Ford, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gotsdalk, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Reoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C52 Encoding the Same
/ CURRENT FILING DATE: 2001-12-13
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR APPLICATION NUMBER: 60/098750

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/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099598
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-253A-467

Query Match
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACAAGTCGCACTCTGGCC 721
DB 18 ACAAGTCGCACTCTGGCC 1

RESULT 247
US-10-017-306A-467/C
Sequence 467: Application US/10017306A
/ Publication No. US2000017018A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Demicheli, David
/ APPLICANT: Demicheli, David
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Ford, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gotsdalk, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Reoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C66 Encoding the Same
/ CURRENT FILING DATE: 2002-06-10
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR APPLICATION NUMBER: 60/098750

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/ APPLICANT: Gutney, Amelia L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Peoni, Nicholas F.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P280912C6
/ CURRENT APPLICATION NUMBER: US/10/012.101B
/ CURRENT FILING DATE: 2002-06-25
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-1378-467
Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.34; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 18 ACAAAGTGGCACTCTGGCC 1
/
RESULT 252
US-10-012-1378-467/C
/ Sequence 467: Application US/1001137A
/ Publication No. US20030187189A1
/ APPLICANT: Gutney, Kevin P.
/ APPLICANT: Bockstein, David
/ APPLICANT: Bockstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Ford, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Peoni, Nicholas F.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P280912C6
/ CURRENT APPLICATION NUMBER: US/10/012.137A
/ CURRENT FILING DATE: 2002-06-25
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-1378-467
Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.34; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 18 ACAAAGTGGCACTCTGGCC 1
/
RESULT 252
US-10-012-752A-467/C

```

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/ Sequence 467: Application US/10012752A
/ Publication No. US20030187189A1
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bockstein, David
/ APPLICANT: Bockstein, David
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Peoni, Nicholas F.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P280912C4
/ CURRENT APPLICATION NUMBER: US/10/012.752A
/ CURRENT FILING DATE: 2002-06-25
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-467
Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.34; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 18 ACAAAGTGGCACTCTGGCC 1
/
RESULT 253
US-10-012-752A-467/C
/ Sequence 467: Application US/10012752A
/ Publication No. US20030187189A1
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bockstein, David
/ APPLICANT: Bockstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Racoon, Dan I.
/ APPLICANT: Ford, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Peoni, Nicholas F.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P280912C8
/ CURRENT APPLICATION NUMBER: US/10/012.754A
/ CURRENT FILING DATE: 2002-06-25
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-467/C

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US-10-012-7544-467

Query Match Similarity 83.3%; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACGATCGGACCTCTGGGC 1

18 ACGATCGGACCTCTGGGC 1

RESULT 254

US-10-013-9094-467/c

Publication No. US20010139094

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Borestein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan 1.

APPLICANT: Ferrera, Napoleone

APPLICANT: Geo, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin J.

APPLICANT: Hillen, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Peltier, Napoleone

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P280P1C33, US/10/013,909A

CURRENT FILING DATE: 2002-05-25

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 467

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-9094-467

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACGATCGGACCTCTGGGC 1

18 ACGATCGGACCTCTGGGC 1

RESULT 255

US-10-013-9104-467/c

Publication No. US20010139104

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Borestein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan 1.

APPLICANT: Ferrera, Napoleone

APPLICANT: Geo, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin J.

APPLICANT: Hillen, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Peltier, Napoleone

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P280P1C33, US/10/013,911A

CURRENT FILING DATE: 2002-12-10

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 467

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-9104-467

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P280P1C33

CURRENT APPLICATION NUMBER: US/10/013,910A

CURRENT FILING DATE: 2002-06-25

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 467

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-9104-467

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACGATCGGACCTCTGGGC 1

18 ACGATCGGACCTCTGGGC 1

RESULT 256

US-10-013-9114-467/c

Publication No. US20010139114

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Borestein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan 1.

APPLICANT: Ferrera, Napoleone

APPLICANT: Geo, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin J.

APPLICANT: Hillen, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Peltier, Napoleone

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P280P1C33, US/10/013,911A

CURRENT FILING DATE: 2001-12-10

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 467

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-9114-467

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACGATCGGACCTCTGGGC 1

18 ACGATCGGACCTCTGGGC 1

RESULT 257

US-10-013-9114-467/c

Publication No. US20010139114

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Borestein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan 1.

APPLICANT: Ferrera, Napoleone

APPLICANT: Geo, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin J.

APPLICANT: Hillen, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Peltier, Napoleone

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P280P1C33, US/10/013,911A

CURRENT FILING DATE: 2001-12-10

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 467

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-9114-467


```

QZ 704 AADATCGCACTCTGGGCG 721
MATCHER 15; CONSERVATIVE 0; MISMATCHES 3; INDELS 0; GAPS
DB 18 AADATCGCACTCTGGGCG 1

RESULT 258
US-10-015-610A-467/C
Sequence 467, Application US/10015610A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bercstein, David
APPLICANT: Benayev, Luc
APPLICANT: Berman, David
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gendron, David
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guirey, Austin L.
APPLICANT: Han, Kenneth J.
APPLICANT: Patel, Nicholas P.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleo-
tide Repetitions in Acidic Encoding the Same
CURRENT APPLICATION NUMBER: US/10/015,610A
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: 60/098736
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PLM.
NUMBER OF SEQ IDS NOS: 477
SEQ ID NO 467
SEQ ID NO 468
SEQ ID NO 469
TYPE: DNA
ORGANISM: Artificial Sequence
US-10-015-610A-467

Query Match 0.94; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 3; Pctd. No. 3;7e+02;
Mismatches 3; Indels 0; Gaps 0;
DB 18 AADATCGCACTCTGGGCG 1

```


OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-2374-467

Query Match 0.94; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Seed No. 3.7e+02;
Matches 15; Consensitives 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 AGACGCGCATCTCGGC 721
DB 18 AGATGCGCATCTCGGC 1

RESULT 263

Sequence 467 Application US/100139064
Application No US03019182A1

APPLICANT: Baker, Kevin P.

APPLICANT: Betschlein, David

APPLICANT: Desrochers, Luc

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Godowski, Prady J.

APPLICANT: Grunwald, Christopher J.

APPLICANT: Gurley, Austin L.

APPLICANT: Hillan, Kenneth T.

APPLICANT: Pion, Nicholas P.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US/10/013,9064

PRIOR APPLICATION NUMBER: 60/098716

PRIOR APPLICATION NUMBER: 60/098723

PRIOR FILING DATE: 1998-09-01/098749

PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01/098821

PRIOR APPLICATION NUMBER: 60/098843

PRIOR FILING DATE: 1998-09-01/098936

PRIOR APPLICATION NUMBER: 60/098956

PRIOR FILING DATE: 1998-09-01/098958

PRIOR APPLICATION NUMBER: 60/098962

PRIOR FILING DATE: 1998-09-01/098974

PRIOR APPLICATION NUMBER: 60/098975

PRIOR FILING DATE: 1998-09-01/098973

PRIOR APPLICATION NUMBER: 60/098972

PRIOR FILING DATE: 1998-09-01/098986

PRIOR APPLICATION NUMBER: 60/098981

PRIOR FILING DATE: 1998-09-01/098982

PRIOR APPLICATION NUMBER: 60/098985

PRIOR FILING DATE: 1998-09-01/098985

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/098916

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/100385

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/100388

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100390

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100584

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100627

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100661

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100662

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100663

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100684

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100711

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/100848

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/100930

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100939

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/101014

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/101068

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/101471

PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: 60/101472

PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: 60/101474

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101475

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101476

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101477

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101738

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101743

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101915

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101916

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101917

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101918

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101919

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101920

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101921

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101922

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101923

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101924

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101925

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101926

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101927

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101928

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101929

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101930

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101931

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101932

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101933

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101934

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101935

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101936


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/ PRIOR APPLICATION NUMBER: 60/102330
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102331
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102384
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102487
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102570
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102571
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102684
/ PRIOR FILING DATE: 1998-10-01
/ PRIOR APPLICATION NUMBER: 60/102687
/ PRIOR FILING DATE: 1998-10-01
/ PRIOR APPLICATION NUMBER: 60/102965
/ PRIOR FILING DATE: 1998-10-06
/ PRIOR APPLICATION NUMBER: 60/103258
/ PRIOR FILING DATE: 1998-10-06
/ PRIOR APPLICATION NUMBER: 60/103314
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103328
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103395
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103401
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103449
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103633
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103679
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103711
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/104257
/ PRIOR FILING DATE: 1998-10-14
/ PRIOR APPLICATION NUMBER: 60/104387
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105000
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105002
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105104
/ PRIOR FILING DATE: 1998-10-21
/ PRIOR APPLICATION NUMBER: 60/105169
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105266
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105693
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105694
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105870
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/105881
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/105882
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/106023
/ PRIOR FILING DATE: 1998-10-28

```

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Query Match 0.94; Score 13.2; DB 1; Length 18;
Sequence Similarity 0.33; Predicted: 0.94+0.00
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Or 704 ACAACCCCACTTCGCGC 721
DB 18 ACAAGTCCCACTTCGCGC 1

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RESULT 264

```

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US-10-015-480A-467/C

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```

/ Sequence 467; Application US/10015388A

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/ Publication No. US20020191299A1

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/ Applicant: Baker, Kevin P.

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/ Applicant: Botstein, David

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/ Applicant: Benayahu, Luc

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/ Applicant: Benayahu, David

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/ Applicant: Beretta, Napoleone

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/ Applicant: Pong, Sherman

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/ Applicant: Geo, Wei-Qiang

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/ Applicant: Goddard, Audrey

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/ Applicant: Goddard, Paul J.

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/ Applicant: Grimaldi, Christopher J.

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/ Applicant: Gutney, Austin L.

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/ Applicant: Han, James

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/ Applicant: Peoni, Nicholas P.

```

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/ Title of Invention: Secreted and Transmembrane Polypeptides and Nucleic

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/ File Reference: P2180704 Encoding the Same

```

```

/ Current Application Number: US/10/015.388A

```

```

/ Current Filing Date: 2002-07-15

```

```

/ Other Application removed - See File Wrapper or Palm

```

```

/ SEQ ID NO 467

```

```

LENGTH: 18

```

```

TITER: DNA

```

```

/ OTHER INFORMATION: Artificial Sequence

```

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/ PRIMER:

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```

US-10-015-388A-467

```

```

Query Match 0.94; Score 13.2; DB 1; Length 18;
Sequence Similarity 0.33; Predicted: 0.94+0.00
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Or 704 ACAACCCCACTTCGCGC 721
DB 18 ACAAGTCCCACTTCGCGC 1

```

```

RESULT 265

```

```

US-10-015-480A-467/C

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```

/ Sequence 467; Application US/10015480A

```

```

/ Publication No. US20020191299A1

```

```

/ Applicant: Baker, Kevin P.

```

```

/ Applicant: Botstein, David

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/ Applicant: Benayahu, Luc

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/ Applicant: Benayahu, David

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/ Applicant: Beretta, Napoleone

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```

/ Applicant: Pong, Sherman

```

```

/ Applicant: Geo, Wei-Qiang

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```

/ Applicant: Goddard, Audrey

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/ Applicant: Goddard, Paul J.

```

```

/ Applicant: Grimaldi, Christopher J.

```

```

/ Applicant: Gutney, Austin L.

```

```

/ Applicant: Han, James

```

```

/ Applicant: Peoni, Nicholas P.

```

```

/ Title of Invention: Secreted and Transmembrane Polypeptides and Nucleic

```

```

/ File Reference: P2180704 Encoding the Same

```

```

/ Current Application Number: US/10/015.480A

```

```

/ Current Filing Date: 2002-07-15

```

```

/ Other Application removed - See File Wrapper or Palm

```

```

/ SEQ ID NO 467

```

```

LENGTH: 18

```

```

TITER: DNA

```

```

/ OTHER INFORMATION: Artificial Sequence

```

```

/ PRIMER:

```

```

US-10-015-388A-467

```

NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 US-10-015-467a-467

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 704 ACACATCCCACTCTGGCC 721
 18 ACACATCCCACTCTGGCC 1

RESULT 266
 US-10-015-753a-467/c
 Sequence 467, Application US/10015715A
 Publication No. US2003019066A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Berman, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Ealton, Dan L.
 APPLICANT: Ferrares, Napoleone
 APPLICANT: Goddard, Audrey
 APPLICANT: Goddard, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guirey, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas P.
 APPLICANT: Pong, Sherman
 APPLICANT: Rattazzi, Napoleone
 APPLICANT: Secrested and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acidic Encoding the Same
 FILE REFERENCE: P83071055
 CURRENT APPLICATION NUMBER: US/10/015.715A
 CURRENT FILING DATE: 2002-06-25
 PRIOR APPLICATION NUMBER: 2002-07-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 TYPE: DNA
 LENGTH: 18
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-715a-467

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 704 ACACATCCCACTCTGGCC 721
 18 ACACATCCCACTCTGGCC 1

RESULT 267
 US-10-015-753a-467/c
 Sequence 467, Application US/10015753A
 Publication No. US2003019354A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Berman, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Ealton, Dan L.
 APPLICANT: Ferrares, Napoleone
 APPLICANT: Goddard, Audrey
 APPLICANT: Goddard, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guirey, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas P.
 APPLICANT: Pong, Sherman
 APPLICANT: Rattazzi, Napoleone
 APPLICANT: Secrested and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acidic Encoding the Same
 FILE REFERENCE: P83071055
 CURRENT APPLICATION NUMBER: US/10/015.715A
 CURRENT FILING DATE: 2002-06-25
 PRIOR APPLICATION NUMBER: 2002-07-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 TYPE: DNA
 LENGTH: 18
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-753a-467/c

APPLICANT: Goddard, Audrey
 APPLICANT: Goddard, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guirey, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas P.
 APPLICANT: Pong, Sherman
 APPLICANT: Rattazzi, Napoleone
 APPLICANT: Secrested and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acidic Encoding the Same
 FILE REFERENCE: P83071055
 CURRENT APPLICATION NUMBER: US/10/012.753A
 CURRENT FILING DATE: 2001-12-07
 PRIOR APPLICATION NUMBER: 2001-12-07
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 TYPE: DNA
 LENGTH: 18
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-012-753a-467

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 704 ACACATCCCACTCTGGCC 721
 18 ACACATCCCACTCTGGCC 1

RESULT 268
 US-10-015-385A-467/c
 Sequence 467, Application US/10015385A
 Publication No. US2003019547A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Berman, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Ealton, Dan L.
 APPLICANT: Ferrares, Napoleone
 APPLICANT: Goddard, Audrey
 APPLICANT: Goddard, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guirey, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas P.
 APPLICANT: Pong, Sherman
 APPLICANT: Rattazzi, Napoleone
 APPLICANT: Secrested and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acidic Encoding the Same
 FILE REFERENCE: P83071055
 CURRENT APPLICATION NUMBER: US/10/015.385A
 CURRENT FILING DATE: 2002-07-25
 PRIOR APPLICATION NUMBER: 2002-07-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 TYPE: DNA
 LENGTH: 18
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-385A-467

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 704 ACACATCCCACTCTGGCC 721
 18 ACACATCCCACTCTGGCC 1

```

RESULT 269
US-10-007-236A-467/c
/ Sequence 467, Application US/10007236A
/ Publication No. US2003019993A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botschtein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferra, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hiltan, Kenneth L.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ ACID SEQUENCES
/ CURRENT FILING DATE: 2002-06-25
/ CURRENT APPLICATION NUMBER: US/10/007 236A
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORIGIN: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-467
Query Match 0.9%, Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
704 ACAAGTCGAGACTCTGGGC 721
DB 18 ACAAGTCGAGACTCTGGGC 1

```

```

/ ORIGIN: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-467
Query Match 0.9%, Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
704 ACAAGTCGAGACTCTGGGC 721
DB 18 ACAAGTCGAGACTCTGGGC 1

RESULT 271
US-10-013-915A-467/c
/ Sequence 467, Application US/10013915A
/ Publication No. US20030204055A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botschtein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferra, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hiltan, Kenneth L.
/ APPLICANT: Peoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ ACID SEQUENCES
/ CURRENT FILING DATE: 2002-06-25
/ CURRENT APPLICATION NUMBER: US/10/013,915A
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORIGIN: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-467
Query Match 0.9%, Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
704 ACAAGTCGAGACTCTGGGC 721
DB 18 ACAAGTCGAGACTCTGGGC 1

RESULT 272
US-10-015-394A-467/c
/ Sequence 467, Application US/10015394A
/ Publication No. US20030204055A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botschtein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferra, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hiltan, Kenneth L.

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/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Poon, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE REFERENCE: P28301C41 US/10/015.394A
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ CURRENT FILING DATE: 2001-12-21
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099336
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099396
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099398
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099398
/ NUMBER OF SEQ ID NOS: 4770 data removed - see file wrapper or PAM.
/ SEQ ID NO 467
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-015-394A-467
Query Match 0.9% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 704 ACACATCCATCCATCCGCGC 721
/ 18 ACACATCCATCCATCCGCGC 1
DB
RESULT 273
US-10-015-394A-467/C
/ Sequence 467, Application US/1001539A
/ Publication No. US2003023041A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bockstein, David
/ APPLICANT: Demoyers, Luc
/ APPLICANT: Ferrera, Napoleone
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Poon, Nicholas P.
/ APPLICANT: Pan, James
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE REFERENCE: P28301C49
/ CURRENT APPLICATION NUMBER: US/10/015.5194
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ PRIOR APPLICATION NUMBER: 60/098716
/ NUMBER OF SEQ ID NOS: 477 see file wrapper or PAM

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/ SEQ ID NO 467
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-015-519A-467
Query Match 0.9% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 704 ACACATCCATCCATCCGCGC 721
/ 18 ACACATCCATCCATCCGCGC 1
DB
RESULT 274
US-10-358-960-6
/ Sequence 6, Application US/10358960
/ Publication No. US2003020878A1
/ GENERAL INFORMATION:
/ APPLICANT: Matsui, Tomoko
/ APPLICANT: Pugi, Yang, Claus
/ APPLICANT: Svendsen, Allan
/ APPLICANT: Svendsen, Peter
/ TITLE OF INVENTION: Polypeptide Variants
/ FILE REFERENCE: 10261.200-US
/ CURRENT APPLICATION NUMBER: US/10/358.960
/ NUMBER OF SEQ ID NOS: 1203-02-05
/ SOFTWARE: Patent version 3.2
/ SEQ ID NO 6
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: primer DMS
/ NAME/KEY: misc feature
/ OTHER INFORMATION: primer
/ US-10-358-960-6
Query Match 0.9% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 970 TTCTGACGCTCCGCAACCC 987
/ 1 TTCTGACGCTCCGCAACCC 18
DB
RESULT 275
US-10-015-390A-467/C
/ Sequence 467, Application US/10015390A
/ Publication No. US2003023041A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bockstein, David
/ APPLICANT: Demoyers, Luc
/ APPLICANT: Ferrera, Napoleone
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Goddard, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Poon, Nicholas P.
/ APPLICANT: Pan, James
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE REFERENCE: P28301C49
/ CURRENT APPLICATION NUMBER: US/10/015.5194
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ PRIOR APPLICATION NUMBER: 60/098716
/ NUMBER OF SEQ ID NOS: 477 see file wrapper or PAM

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FILE REFERENCE: P28307A53
 CURRENT FILING DATE: 1998-09-15, 1998A
 PRIOR FILING DATE: 1998-07-15
 PRIOR APPLICATION NUMBER: 60/099762
 NUMBER OF SEQ ID NOS: 477
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-396-67

Query Match
 Best Local Similarity 83.3% Seq. No. 3, 7e-023
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

704 AATCTCTCACTCTGCGCT 121
 18 AAAATGCGCAATCTTGGC 1

RESULT 276
 US-10-006-7466-467/c
 Sequence 467, Application US/10006746A
 Publication No. US8003020A71A1
 APPLICANT: Baker, Kevin P.
 APPLICANT: Bockstein, David
 APPLICANT: Desrochers, Luc
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Ming
 APPLICANT: Gaudin, Robert
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gutney, Austin L.
 APPLICANT: Harlow, E. W.
 APPLICANT: Pao, James
 APPLICANT: Pao, James
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P28307A53
 CURRENT APPLICATION NUMBER: US/10/006,746A
 CURRENT FILING DATE: 2001-12-06
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099336
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099356
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099398
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099602
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099642
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099741
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099754

PRIOR FILING DATE: 1998-09-10
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099763
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099792
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099808
 PRIOR FILING DATE: 1998-09-10
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 PRIOR APPLICATION NUMBER: 60/100388
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 PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101315
 PRIOR FILING DATE: 1998-09-24
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 PRIOR APPLICATION NUMBER: 60/101316
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 PRIOR FILING DATE: 1998-09-23
 PRIOR APPLICATION NUMBER: 60/102331
 PRIOR FILING DATE: 1998-09-23
 PRIOR APPLICATION NUMBER: 60/102484
 PRIOR FILING DATE: 1998-09-30
 PRIOR APPLICATION NUMBER: 60/102487
 PRIOR FILING DATE: 1998-09-30
 PRIOR APPLICATION NUMBER: 60/102570
 PRIOR FILING DATE: 1998-09-30
 PRIOR APPLICATION NUMBER: 60/102571
 PRIOR FILING DATE: 1998-09-30
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 PRIOR APPLICATION NUMBER: 60/102687
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 PRIOR APPLICATION NUMBER: 60/103128
 PRIOR FILING DATE: 1998-10-07
 PRIOR APPLICATION NUMBER: 60/103315
 PRIOR FILING DATE: 1998-10-07
 PRIOR APPLICATION NUMBER: 60/103328
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 PRIOR FILING DATE: 1998-10-07
 PRIOR APPLICATION NUMBER: 60/103401
 PRIOR FILING DATE: 1998-10-07
 PRIOR APPLICATION NUMBER: 60/103449
 PRIOR FILING DATE: 1998-10-06
 PRIOR APPLICATION NUMBER: 60/103633
 PRIOR FILING DATE: 1998-10-06
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 PRIOR APPLICATION NUMBER: 60/103679
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 PRIOR FILING DATE: 1998-10-06
 PRIOR APPLICATION NUMBER: 60/104257
 PRIOR FILING DATE: 1998-10-11
 PRIOR APPLICATION NUMBER: 60/104987
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105000
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105002
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105104
 PRIOR FILING DATE: 1998-10-21
 PRIOR APPLICATION NUMBER: 60/105169
 PRIOR FILING DATE: 1998-10-22
 PRIOR APPLICATION NUMBER: 60/105266
 PRIOR FILING DATE: 1998-10-22
 PRIOR APPLICATION NUMBER: 60/105653
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/106564
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/106807
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106881

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 Query Match 0.94; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 704 ACGACTCGACTCGGCG 721
 18 ACGACTCGACTCGGCG 1
 RESULT 277
 US-10-369-324-74
 Publication US10369324
 GENERAL INFORMATION: US2001022121A1
 APPLICANT: WOMENS, CAUS
 APPLICANT: YK, WINSONG
 APPLICANT: WINSONG, HONORAB, JANE
 APPLICANT: RICHARD, CRAIG
 APPLICANT: BRINERDORF, W. LEIGH
 TITLE OR INVENTION: BRICIS BRIDGING
 FILE REFERENCE: 058951/0162
 CURRENT APPLICATION NUMBER: US/10369,324
 PRIOR APPLICATION NUMBER: 2003-07-20
 PRIOR APPLICATION NUMBER: 2003-07-20
 PRIOR FILING DATE: 2002-02-20
 PRIOR APPLICATION NUMBER: 60/377,602
 PRIOR FILING DATE: 2002-05-06
 SOFTWARE: Patent Ver. 2.1
 SEQ ID NO 74
 LENGTH: 18
 US10369324
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-10-369-324-74
 Query Match 0.94; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 1280 GGAAGTATGAGCTGTGCG 18
 1 GGAAGTATGAGCTGTGCG 18
 RESULT 278
 US-10-369-324-74
 Publication US10068564
 GENERAL INFORMATION: US2002090496A1
 APPLICANT: Baker, Kevin P.
 APPLICANT: Bogstein, David
 APPLICANT: BROWN, JAMES
 APPLICANT: Bacon, Dan L.
 APPLICANT: Ferreira, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: GARDNER, JAMES
 APPLICANT: Godowski, Paul U.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guttry, Austin L.
 APPLICANT: HALL, JAMES J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas P.

/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2830P1C14
 / CURRENT APPLICATION NUMBER: US/1/006, 856A
 / CURRENT FILING DATE: 2002-05-10
 / NUMBER OF SEQ ID NOS: 477
 / Prior Application removed - See file Wrapper or Palm
 / SEQ ID NO 467
 / LENGTH: 18
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 / US-10-006-818A-467
 / Query Match Similarity 0.94; Score 13.2; DB 1; Length 18;
 / Best Local Similarity 83.34; Pred. No. 3.7e+02;
 / Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 / Oy 704 ACACCTCCGACCTCTGGGC 721
 / DB 18 ACACCTCCGACCTCTGGGC 1

RESULT 729
 / US-10-006-818A-467/C
 / Sequence 467, Application US/10006818A
 / Publication No. US2003005406A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Bockstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan I.
 / APPLICANT: Ferreira, Napoleone
 / APPLICANT: Geo, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Goddard, Paul J.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pen, James
 / APPLICANT: Pettaz, Napoleone
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2830P1C14
 / CURRENT APPLICATION NUMBER: US/1/006, 818A
 / CURRENT FILING DATE: 2001-12-06
 / Prior Application removed - See file Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / LENGTH: 18
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 / US-10-006-818A-467
 / Query Match Similarity 0.94; Score 13.2; DB 1; Length 18;
 / Best Local Similarity 83.34; Pred. No. 3.7e+02;
 / Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 / Oy 704 ACACCTCCGACCTCTGGGC 721
 / DB 18 ACACCTCCGACCTCTGGGC 1

/ APPLICANT: Bockstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan I.
 / APPLICANT: Ferreira, Napoleone
 / APPLICANT: Geo, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Goddard, Paul J.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pen, James
 / APPLICANT: Pettaz, Napoleone
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2830P1C14
 / CURRENT APPLICATION NUMBER: US/10/015,393A
 / CURRENT FILING DATE: 2002-05-25
 / Prior Application removed - See file Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / LENGTH: 18
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 / US-10-015-393A-467
 / Query Match Similarity 0.94; Score 13.2; DB 1; Length 18;
 / Best Local Similarity 83.34; Pred. No. 3.7e+02;
 / Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 / Oy 704 ACACCTCCGACCTCTGGGC 721
 / DB 18 ACACCTCCGACCTCTGGGC 1

RESULT 721
 / US-10-015-393A-467/C
 / Sequence 467, Application US/10015693A
 / Publication No. US2003007310A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Bockstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan I.
 / APPLICANT: Ferreira, Napoleone
 / APPLICANT: Geo, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Goddard, Paul J.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pen, James
 / APPLICANT: Pettaz, Napoleone
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2830P1C14
 / CURRENT APPLICATION NUMBER: US/10/015, 693A
 / CURRENT FILING DATE: 2002-05-25
 / Prior Application removed - See file Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / LENGTH: 18
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 / US-10-015-693A-467
 / Query Match Similarity 0.94; Score 13.2; DB 1; Length 18;
 / Best Local Similarity 83.34; Pred. No. 3.7e+02;
 / Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 / Oy 704 ACACCTCCGACCTCTGGGC 721
 / DB 18 ACACCTCCGACCTCTGGGC 1

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 704 KAAATCGGAGATCTCTGGC 721
 DB 18 KAAATCGGAGATCTCTGGC 1

RESULT 282
 US-10-012-121A-467/C
 / Sequence 467, Application US/10012121A
 / PUBLICATION NO: US20030073810A1
 / INVENTOR: Baker, Kevin P.
 / APPLICANT: Becton, David
 / APPLICANT: Desmoyers, Luc
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Grunwald, Christopher J.
 / APPLICANT: Hillen, Kenneth J.
 / APPLICANT: Piont, Nicholas P.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2810P01C15 US/10/012,121A
 / CURRENT APPLICATION NUMBER: 2001-12-07
 / PRIOR FILING DATE: 2001-12-07
 / PRIOR APPLICATION removed - See File Wrapper or Pals
 / SEQ ID NO: 467
 / LENGTH: 187
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-012-121A-467

Query Match 0.88; Score 13.2; DB 1;
 Best Local Similarity: 80.34; Length 18;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 KAAATCGGAGATCTCTGGC 721
 DB 18 KAAATCGGAGATCTCTGGC 1
 RESULT 283
 US-10-231-302-34/C
 / Sequence 34, Application US/10231302
 / PUBLICATION NO: US20030082602A1
 / INVENTOR: Yamamoto, No. US20030082602A1
 / APPLICANT: Okamoto, Tadaaki
 / APPLICANT: Suzuki, Tomohito
 / FILE REFERENCE: 03500,01223
 / CURRENT APPLICATION NUMBER: US/10/231,302
 / PRIOR FILING DATE: 2002-08-30
 / PRIOR FILING DATE: 2002-08-16
 / NUMBER OF SEQ ID NOS: 74
 / SOFTWARE: PatentIn Ver. 2.1
 / SEQ ID NO: 34
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-231-302-34
 Query Match 0.94; Score 13.2; DB 1; Length 18;

Best Local Similarity: 80.34; Prod No. 37602;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 526 ATAACTCTAAAGTCTTC 543
 DB 18 ATAACTCTAAAGTCTTC 1

RESULT 284
 US-10-006-116A-467/C
 / Sequence 467, Application US/10006116A
 / PUBLICATION NO: US20030082626A1
 / INVENTOR: Baker, Kevin P.
 / APPLICANT: Becton, David
 / APPLICANT: Desmoyers, Luc
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Grunwald, Christopher J.
 / APPLICANT: Hillen, Kenneth J.
 / APPLICANT: Piont, Nicholas P.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2810P01C15 US/10/006,116A
 / CURRENT APPLICATION NUMBER: 2001-12-07
 / PRIOR FILING DATE: 2001-12-07
 / PRIOR APPLICATION removed - See File Wrapper or Pals
 / SEQ ID NO: 467
 / LENGTH: 187
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-006-116A-467

[illegible]

[illegible]

OTHER INFORMATION: Description of Artificial Sequence: detection
 OTHER INFORMATION: probe oligonucleotide
 US-10-011-6924-467

Query Match 0.9% Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3,7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1234 CAGCTGACCACTTCATG 1251
 DB 18 CAGCTGACCACTTCATG 1

RESULT 294

US-10-011-6924-467/c
 Publication No. US2001019792A1
 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Bortstein, David
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas F.
 APPLICANT: Schultz, David
 TITLE OF INVENTION: Acidic Encoding the Same
 FILE REFERENCE: P280P1C3
 CURRENT APPLICATION NUMBER: US/01/1,692A
 PRIORITY FILING DATE: 2001-12-07
 PRIORITY FILING DATE: 2001-12-07
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 SEQ ID NO 467
 LENGTH: 18
 TYPE: DNA
 FEATURE: Artificial Sequence
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-011-6924-467

Query Match 0.9% Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3,7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

704 ACACATCGACCTTCGCG 721
 DB 18 ACACATCGACCTTCGCG 1

RESULT 295

US-10-001-7684-467/c
 Publication No. US2001013795A1
 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Bortstein, David
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P280P1C3
 CURRENT APPLICATION NUMBER: US/01/006,768A
 PRIORITY FILING DATE: 2002-03-05
 PRIORITY FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 SEQ ID NO 467
 LENGTH: 18
 TYPE: DNA
 FEATURE: Artificial Sequence
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-006-7684-467

Query Match 0.9% Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3,7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

704 ACACATCGACCTTCGCG 721
 DB 18 ACACATCGACCTTCGCG 1

RESULT 296

US-10-017-6104-467/c
 Sequence 467, Application US/10017610A
 Publication No. US2001013795A1

APPLICANT: Baker, Kevin P.
 APPLICANT: Bortstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Peoni, Nicholas F.
 APPLICANT: Schultz, David
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P280P1C3
 CURRENT APPLICATION NUMBER: US/01/017,610A
 PRIORITY FILING DATE: 2001-12-13
 PRIORITY FILING DATE: 2001-12-13
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 SEQ ID NO 467
 LENGTH: 18
 TYPE: DNA
 FEATURE: Artificial Sequence
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-017-6104-467

FILE REFERENCE: P280101C65
 CURRENT APPLICATION NUMBER: US/10/015,391A
 CURRENT FILING DATE: 2001-12-12
 Prior Application removed - See file Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 LENGTH: 18

ORIGIN: DNA
 TYPE: DNA
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-391A-467

Query Match

Best Local Similarity 0.94; Score 13.2; DB 1; Length 18;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACAAATCCCACTCTCGGCGC 721
 18 ACAAATCCCACTCTCGGCGC 1

RESULT 300

US-10-017-407A-467/c
 Sequence 467; Application US/10017407A
 ORIGIN: INFORMATION

APPLICANT: Baker, Kevin P.
 APPLICANT: Botchev, David
 APPLICANT: Demoyers, Luc
 APPLICANT: Fecara, Neapolone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guiray, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACID SEQUENCES: P280101C61 Encoding the Same
 FILE REFERENCE: P280101C61
 CURRENT APPLICATION NUMBER: US/10/017,407A
 CURRENT FILING DATE: 2002-06-25
 Prior Application removed - See file Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 LENGTH: 18

ORIGIN: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-017-407A-467

Query Match 0.94; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.34; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACAAATCCCACTCTCGGCGC 721
 18 ACAAATCCCACTCTCGGCGC 1

RESULT 301

US-10-014-467/c
 Sequence 467; Application US/1000404A
 Publication No. US2003010940A1
 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botchev, David
 APPLICANT: Demoyers, Luc

APPLICANT: Bacon, Dan I.
 APPLICANT: Fong, Sherman
 APPLICANT: Godard, Audrey
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guiray, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACID SEQUENCES: P280101C62 Encoding the Same
 FILE REFERENCE: P280101C62
 CURRENT APPLICATION NUMBER: US/10/014,467A
 CURRENT FILING DATE: 2001-12-06
 Prior Application removed - See file Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 LENGTH: 18

ORIGIN: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-006-041A-467

Query Match

Best Local Similarity 0.94; Score 13.2; DB 1; Length 18;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 704 ACAAATCCCACTCTCGGCGC 721
 18 ACAAATCCCACTCTCGGCGC 1

RESULT 302

US-10-011-833A-467/c
 Sequence 467; Application US/1001833A
 ORIGIN: INFORMATION

APPLICANT: Baker, Kevin P.
 APPLICANT: Botchev, David
 APPLICANT: Demoyers, Luc
 APPLICANT: Fecara, Neapolone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guiray, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Peoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACID SEQUENCES: P280101C22 Encoding the Same
 FILE REFERENCE: P280101C22
 CURRENT APPLICATION NUMBER: US/10/011,833A
 CURRENT FILING DATE: 2002-06-25
 Prior Application removed - See file Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 467
 LENGTH: 18

ORIGIN: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-011-833A-467

Query Match

Best Local Similarity 0.94; Score 13.2; DB 1; Length 18;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACGACTCGACTCTTCGCG 721
DB 18 ACGATCGGACTCTTCGCG 1

RESULT 303
US-10-015-822A-467/C
Publication No. US20030130491A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Baker, Kevin P.
APPLICANT: Desrosiers, Inc.
APPLICANT: Eaton, Dan L.
APPLICANT: Feyzazadeh, Nargolou
APPLICANT: Ford, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillier, Kenneth J.
APPLICANT: Pann, James

APPLICANT: Pann, Nicholas P.
TITLE OF INVENTION: Secreted Acid and Transmembrane Polypeptides and Nucleic
FILE REFERENCES: P830P1C38 Involving the same
CURRENT FILING DATE: 2002-08-10
PRIORITY FILING DATE: 2002-08-10
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 467
LENGTH: 18
ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-467

Query Match Best Local Similarity 0.94; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0
QY 704 ACGACTCGACTCTTCGCG 721
DB 18 ACGATCGGACTCTTCGCG 1

RESULT 304
US-10-236-031B-3
Publication No. US2003012760A1
GENERAL INFORMATION:

APPLICANT: Gordon, Gavin J.
APPLICANT: Gordon, Gavin J.
APPLICANT: Gatten, Steven W.
APPLICANT: Bueno, Raphael

TITLE OF INVENTION: Diagnostic and Prognostic Tests
FILE REFERENCES: H08001/0265, US/09/431
CURRENT FILING DATE: 2002-09-05
PRIORITY FILING DATE: 2002-09-05
CURRENT APPLICATION NUMBER: US 60/317,389
PRIOR FILING DATE: 2001-09-05/60/407,431
PRIOR FILING DATE: 2002-08-30
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn version 3.1

SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-236-031B-3

Query Match Best Local Similarity 0.94; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0
QY 712 GACTCGGACTCTTCGCG 729
DB 3 GACTCGGACTCTTCGCG 20

RESULT 305

US-09-877-478-6035/C
Sequence 6035, Application US/09877478
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Bluet, Larry
APPLICANT: Bluet, Larry
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCES: H08000-845-H (460/029)
CURRENT FILING DATE: 2000-12-13/07/877,478
PRIOR FILING DATE: 1992-05-14/07/882,712
PRIOR APPLICATION NUMBER: US 07/882,712

PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-08-09/09/536,385
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09/09/636,385
PRIOR APPLICATION NUMBER: US 08/133,627
PRIOR FILING DATE: 1994-02-07/08/133,627

PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-06/08/434,504
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1995-05-04/09/436,430
NUMBER OF SEQ ID NOS: 1205
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6035
LENGTH: 15
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-6035

Query Match Best Local Similarity 0.94; Score 13; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY 1464 GAGCGACAGGAGAA 1476
DB 14 GAGCGACAGGAGAA 2

RESULT 306
US-09-882-945A-280
Sequence 280, Application US/09882945A
Publication No. US2003014335A1
GENERAL INFORMATION:
APPLICANT: Duggan, Victor

APPLICANT: Duggan, Victor
APPLICANT: Duggan, Victor
APPLICANT: Duggan, Victor
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCES: P085-041566
CURRENT APPLICATION NUMBER: US/09/882,945A
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 280

LENGTH: 16
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-09-862-945A-280

Query Match
 Best Local Similarity 100.0%; Pred. No. 2.7e+02; Length 16;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1088 CTTCTCTCCCA 1100
 DB 4 TCTTCTCTCCCA 16

RESULT 307
 US-09-865-807-27/c
 Sequence 27, Application US/0985807
 Publication No. US2000068334A1
 GENERAL INFORMATION:
 APPLICANT: Carriero, John J.
 APPLICANT: Carriero, John J.
 APPLICANT: Dwyer, Jonathan M.
 TITLE OF INVENTION: Multiplex Amplification and Separation of Nucleic Acid
 TITLE OF INVENTION: Sequences Using Ligase-Dependent Strand Displacement
 FILE REFERENCE: 265/018 Nanogen
 CURRENT APPLICATION NUMBER: US/09/865,807
 CURRENT FILING DATE: 2001-05-25
 PRIORITY FILING DATE: 2001-05-25
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 27
 LENGTH: 17
 ORGANISM: Chlamydia trachomatis
 US-09-865-807-27

Query Match
 Best Local Similarity 100.0%; Pred. No. 3.2e+02; Length 17;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GAGTATTTCTCTG 697
 DB 13 GAGTATTTCTCTG 1

RESULT 308
 US-09-554-594A-27/c
 Sequence 27, Application US/0955494A
 Publication No. US2000030495A1
 GENERAL INFORMATION:
 APPLICANT: Westberg, Michael I.
 APPLICANT: Westlin, Lorelei P.
 APPLICANT: Egan, Carl P.
 TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
 TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
 TITLE OF INVENTION: SEQUENCES
 CURRENT APPLICATION NUMBER: US/09/554,594A
 CURRENT FILING DATE: 2001-09-17
 PRIORITY FILING DATE: 2001-09-12
 NUMBER OF SEQ ID NOS: 62/89-12
 SOFTWARE: PatentIn Version 3.0
 SEQ ID NO 27
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Chlamydia trachomatis
 US-09-554-594A-27
 Query Match
 0.9%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 685 GAGTATTTCTCTG 697
 DB 13 GAGTATTTCTCTG 1

RESULT 309
 US-09-974-685-27/c
 Sequence 27, Application US/09974685
 Publication No. US2003004952A1
 GENERAL INFORMATION:
 APPLICANT: Westberg, Michael I.
 APPLICANT: Westberg, Michael I.
 TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
 TITLE OF INVENTION: AMPLIFICATION IN NASBA
 FILE REFERENCE: 238/072
 CURRENT APPLICATION NUMBER: US/09/974,685
 CURRENT FILING DATE: 2001-10-09
 PRIORITY FILING DATE: 1999-04-12
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 27
 LENGTH: 17
 ORGANISM: Chlamydia trachomatis
 US-09-974-685-27

Query Match
 Best Local Similarity 100.0%; Pred. No. 3.2e+02; Length 17;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GAGTATTTCTCTG 697
 DB 13 GAGTATTTCTCTG 1

RESULT 310
 US-09-780-533A-115/c
 Sequence 115, Application US/09780533A
 Publication No. US2003006061A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McGaughey, Jim
 APPLICANT: McGaughey, Jim
 APPLICANT: Haeberli, Peter
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NCOO Gene
 TITLE REFERENCE: WHRD, 978-A (400/111)
 CURRENT APPLICATION NUMBER: US/09/780,533A
 CURRENT FILING DATE: 2001-02-09
 PRIORITY FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 60/181,797
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 115
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-780-533A-115

Query Match
 Best Local Similarity 100.0%; Pred. No. 3.2e+02; Length 17;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1574 CTTCTCTCCCA 1586
 DB 15 CTTCTCTCCCA 3

RESULT 311

```

US-09-780-533A-1652/c
/ Sequence 1652, Application US/09780533A
/ GENERAL INFORMATION:
/ APPLICANT: Rhozyme Pharmaceuticals, Inc.
/ APPLICANT: Blact, Larry
/ APPLICANT: Chowitt, Bharat
/ APPLICANT: Haebeili, Peter
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of MCOO Gene
/ FILE REFERENCE: MEM000, 878-A, (400/011)
/ CURRENT FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: US 60/181,797
/ PRIOR FILING DATE: 2000-02-11
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1652
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-09-780-533A-1652

Query Match 0.94% Score 13, DB 1, Length 17
Beat Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13, Conservative 0, Mismatches 0, Indels 0, Gaps 0,

DB 1574 CTRNCTCAGCA 1866
17 CTRNCTCAGCA 5

RESULT 312
US-09-780-533A-1936/c
/ Sequence 1936, Application US/09780533A
/ Publication No. US20030060611A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmaceuticls, Inc.
/ APPLICANT: Blact, Larry
/ APPLICANT: Chowitt, Bharat
/ APPLICANT: Haebeili, Peter
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of MCOO Gene
/ FILE REFERENCE: MEM000, 878-A, (400/011)
/ CURRENT APPLICATION NUMBER: US/09/780,533A
/ PRIOR APPLICATION NUMBER: US 60/181,797
/ PRIOR FILING DATE: 2000-02-11
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1936
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-09-780-533A-1936

Query Match 0.94% Score 13, DB 1, Length 17
Beat Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13, Conservative 0, Mismatches 0, Indels 0, Gaps 0,

DB 1574 CTRNCTCAGCA 1866
17 CTRNCTCAGCA 5

```

```

/ APPLICANT: Chowitt, Bharat
/ APPLICANT: Haebeili, Peter
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of MCOO Gene
/ FILE REFERENCE: MEM000, 878-A, (400/011)
/ CURRENT APPLICATION NUMBER: US/09/780,533A
/ PRIOR APPLICATION NUMBER: US 60/181,797
/ PRIOR FILING DATE: 2000-02-11
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2067
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-09-780-533A-2067

Query Match 0.94% Score 13, DB 1, Length 17
Beat Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13, Conservative 0, Mismatches 0, Indels 0, Gaps 0,

DB 1223 CTRNCTCAGCA 1235
17 CTRNCTCAGCA 5

RESULT 314
US-09-740-332-1351/c
/ Sequence 1351, Application US/09740332
/ Publication No. US20030125270A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmaceuticls Inc.
/ APPLICANT: Blact, Larry
/ APPLICANT: Chowitt, Bharat
/ APPLICANT: Haebeili, Peter
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: RPT 400/003
/ CURRENT FILING DATE: 09-26
/ PRIOR APPLICATION NUMBER: US/09/740,332
/ PRIOR FILING DATE: 2000-02-11
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1351
/ LENGTH: 17
/ ORGANISM: artificial sequence
/ REAGENT: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1351

Query Match 0.94% Score 13, DB 1, Length 17
Beat Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13, Conservative 0, Mismatches 0, Indels 0, Gaps 0,

DB 1165 GAGGCGACGCT 1177
17 GAGGCGACGCT 5

RESULT 315
US-09-740-332-1352/c
/ Sequence 1352, Application US/09740332
/ Publication No. US20030125270A1
/ GENERAL INFORMATION:
/ APPLICANT: Rhozyme Pharmaceuticals Inc.
/ APPLICANT: Blact, Larry
/ APPLICANT: Chowitt, Bharat
/ APPLICANT: Haebeili, Peter
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: RPT 400/003
/ CURRENT FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US/09/740,332
/ PRIOR FILING DATE: 2000-02-11
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1352
/ LENGTH: 17
/ ORGANISM: artificial sequence
/ REAGENT: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1352

```

ORGANISM: artificial sequence
 PEPTIDE: 100.0%
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-1352

Query Match 0.9% Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1165 GAGGCACTCTCT 1177
 |||||
 15 GAGGCACTCTCT 3

RESULT 316
 US-09-740-332-1353/c
 Sequence 1353; Application US/09740332
 Publication No. US20030125270A1

GENERAL INFORMATION: Pharmaceutical Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 1353
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-1353

Query Match 0.9% Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1165 GAGGCACTCTCT 1177
 |||||
 13 GAGGCACTCTCT 1

RESULT 317
 US-09-740-332-1303 -
 Sequence 1303; Application US/09740332
 Publication No. US20030125270A1

GENERAL INFORMATION: Pharmaceutical Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740.332
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3203
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-1303

Query Match 0.9% Score 13; DB 1; Length 17;
 Best Local Similarity 84.4%; Pred. No. 3.2e+02;

Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 DB 1165 GAGGCACTCTCT 1177
 |||||
 4 GAGGCACTCTCT 16

RESULT 318
 US-09-740-332-3204
 Sequence 3204; Application US/09740332
 Publication No. US20030125270A1

GENERAL INFORMATION: Pharmaceutical Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740.332
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3204
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3204

Query Match 0.9% Score 13; DB 1; Length 17;
 Best Local Similarity 84.4%; Pred. No. 3.2e+02;
 Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

DB 1165 GAGGCACTCTCT 1177
 |||||
 2 GAGGCACTCTCT 14

RESULT 319
 US-09-817-879-1351/c
 Sequence 1351; Application US/09817879
 Publication No. US2003017131A1

GENERAL INFORMATION: Pharmaceutical Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9703
 SOFTWARE: Patent version 3.0
 SEQ ID NO 1351
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-1351

Query Match 0.9% Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1165 GAGGCACTCTCT 1177
 |||||
 17 GAGGCACTCTCT 5

RESULT 320
 US-09-817-879-1352/c

```

/ Sequence 1352, Application US/09817879
/ Publication No. US2003017311A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribosome Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1352
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1352

Query Match
Best Local Similarity 100.0%, Pred. No. 3.2e+02,
Matches 13/ Conservative 0/ Mismatches 0/ Indels 0/ Gaps 0/

RESULT 321
US-09-817-879-1353/c
/ Publication No. US2003017311A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribosome Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: NMB00-801-P
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1353
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ FEATURES:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1353

Query Match
Best Local Similarity 100.0%, Pred. No. 3.2e+02,
Matches 13/ Conservative 0/ Mismatches 0/ Indels 0/ Gaps 0/

DB 13 GAGGCAACCTCT 1177
GGGCAACCTCT 1

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RESULT 322
US-09-817-879-3203
/ Sequence 3203, Application US/09817879
/ Publication No. US2003017311A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribosome Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ CURRENT APPLICATION NUMBER: NMB00-801-P
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3203

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/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3203
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ FEATURES:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3203

Query Match
Best Local Similarity 94.8%, Pred. No. 3.2e+02,
Matches 11/ Conservative 2/ Mismatches 0/ Indels 0/ Gaps 0/

DB 4 GAGGCAACCTCT 1177
GGGCAACCTCT 16

RESULT 323
US-09-817-879-3204
/ Sequence 3204, Application US/09817879
/ Publication No. US2003017311A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribosome Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: NMB00-801-P
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3204
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3204

Query Match
Best Local Similarity 84.6%, Pred. No. 3.2e+02,
Matches 11/ Conservative 2/ Mismatches 0/ Indels 0/ Gaps 0/

DB 2 GAGGCAACCTCT 1177
GGGCAACCTCT 14

RESULT 324
US-10-387-304-27/c
/ Sequence 27, Application US/10387304
/ Publication No. US2003021580A1
/ GENERAL INFORMATION:
/ APPLICANT: Nereberg, Michael I.
/ APPLICANT: Weislin, Lorelai P.
/ APPLICANT: Kaulin, Geoffrey C.
/ APPLICANT: Edman, Carl F.
/ APPLICANT: Nereberg, Michael I.
/ TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
/ TITLE OF INVENTION: OR AN ELECTRONICALLY ADDRESSABLE MICROCHIP
/ CURRENT APPLICATION NUMBER: US/10/387,304
/ CURRENT FILING DATE: 2003-03-11
/ PRIOR APPLICATION NUMBER: US/09/290,000
/ NUMBER OF SEQ ID NOS: 62
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 27

```


1 LENGTH: 17
 2 PRIOR FILING DATE: 1996-04-12
 3 INVENTOR: CHAN, YU-SHUN
 4 ORGANISM: Chlamydia trachomatis
 5 US-10-397-304-27

Query Match

Best Local Similarity 0.94; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GCGATTTTCGCG 697
 DB 13 GCGATTTTCGCG 1

RESULT 325

US-10-060-7564-473
 / Sequence 473, Application US/100607564
 / Publication No. US2003046713A1
 / APPLICANT: Zhang, Jian

1 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

2 FILE REFERENCE: P01017

3 CURRENT FILING DATE: 2002-01-30

4 PRIOR FILING DATE: 2001-01-30

5 PRIOR FILING DATE: 2001-01-30

6 PRIOR FILING DATE: 2001-01-30

7 PRIOR FILING DATE: 2001-01-30

8 PRIOR FILING DATE: 2001-01-30

9 PRIOR FILING DATE: 2001-01-30

10 PRIOR FILING DATE: 2001-01-30

11 PRIOR FILING DATE: 2001-01-30

12 PRIOR FILING DATE: 2001-01-30

13 PRIOR FILING DATE: 2001-01-30

14 PRIOR FILING DATE: 2001-01-30

15 PRIOR FILING DATE: 2001-01-30

16 PRIOR FILING DATE: 2001-01-30

17 PRIOR FILING DATE: 2001-01-30

18 PRIOR FILING DATE: 2001-01-30

19 PRIOR FILING DATE: 2001-01-30

20 PRIOR FILING DATE: 2001-01-30

21 PRIOR FILING DATE: 2001-01-30

22 PRIOR FILING DATE: 2001-01-30

23 PRIOR FILING DATE: 2001-01-30

24 PRIOR FILING DATE: 2001-01-30

25 PRIOR FILING DATE: 2001-01-30

26 PRIOR FILING DATE: 2001-01-30

27 PRIOR FILING DATE: 2001-01-30

28 PRIOR FILING DATE: 2001-01-30

29 PRIOR FILING DATE: 2001-01-30

30 PRIOR FILING DATE: 2001-01-30

31 PRIOR FILING DATE: 2001-01-30

32 PRIOR FILING DATE: 2001-01-30

1 PRIOR FILING DATE: 1996-04-12
 2 INVENTOR: CHAN, YU-SHUN
 3 ORGANISM: Chlamydia trachomatis
 4 US-10-397-304-27

Query Match

Best Local Similarity 0.94; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GCGATTTTCGCG 697
 DB 13 GCGATTTTCGCG 1

RESULT 327

US-10-156-306-1421
 / Sequence 1421, Application US/10156306
 / Publication No. US2003011901A1
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.

1 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-

2 FILE REFERENCE: M001164-4 (400/050)

3 CURRENT FILING DATE: 2002-05-28

4 PRIOR FILING DATE: 2001-01-30

5 PRIOR FILING DATE: 2001-01-30

6 PRIOR FILING DATE: 2001-01-30

7 PRIOR FILING DATE: 2001-01-30

8 PRIOR FILING DATE: 2001-01-30

9 PRIOR FILING DATE: 2001-01-30

10 PRIOR FILING DATE: 2001-01-30

11 PRIOR FILING DATE: 2001-01-30

12 PRIOR FILING DATE: 2001-01-30

13 PRIOR FILING DATE: 2001-01-30

14 PRIOR FILING DATE: 2001-01-30

15 PRIOR FILING DATE: 2001-01-30

16 PRIOR FILING DATE: 2001-01-30

17 PRIOR FILING DATE: 2001-01-30

18 PRIOR FILING DATE: 2001-01-30

19 PRIOR FILING DATE: 2001-01-30

20 PRIOR FILING DATE: 2001-01-30

21 PRIOR FILING DATE: 2001-01-30

22 PRIOR FILING DATE: 2001-01-30

23 PRIOR FILING DATE: 2001-01-30

24 PRIOR FILING DATE: 2001-01-30

25 PRIOR FILING DATE: 2001-01-30

26 PRIOR FILING DATE: 2001-01-30

27 PRIOR FILING DATE: 2001-01-30

28 PRIOR FILING DATE: 2001-01-30

29 PRIOR FILING DATE: 2001-01-30

30 PRIOR FILING DATE: 2001-01-30

31 PRIOR FILING DATE: 2001-01-30

32 PRIOR FILING DATE: 2001-01-30

1 PRIOR FILING DATE: 1996-04-12
 2 INVENTOR: CHAN, YU-SHUN
 3 ORGANISM: Chlamydia trachomatis
 4 US-10-397-304-27

Query Match

Best Local Similarity 0.94; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GCGATTTTCGCG 697
 DB 13 GCGATTTTCGCG 1

RESULT 329

US-10-156-306-2292
 / Sequence 2292, Application US/10156306
 / Publication No. US2003011901A1
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.

1 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-

2 FILE REFERENCE: M001164-4 (400/050)

3 CURRENT FILING DATE: 2002-05-28

4 PRIOR FILING DATE: 2001-01-30

5 PRIOR FILING DATE: 2001-01-30

6 PRIOR FILING DATE: 2001-01-30

7 PRIOR FILING DATE: 2001-01-30

8 PRIOR FILING DATE: 2001-01-30

9 PRIOR FILING DATE: 2001-01-30

10 PRIOR FILING DATE: 2001-01-30

11 PRIOR FILING DATE: 2001-01-30

12 PRIOR FILING DATE: 2001-01-30

13 PRIOR FILING DATE: 2001-01-30

14 PRIOR FILING DATE: 2001-01-30

15 PRIOR FILING DATE: 2001-01-30

16 PRIOR FILING DATE: 2001-01-30

17 PRIOR FILING DATE: 2001-01-30

18 PRIOR FILING DATE: 2001-01-30

19 PRIOR FILING DATE: 2001-01-30

20 PRIOR FILING DATE: 2001-01-30

21 PRIOR FILING DATE: 2001-01-30

22 PRIOR FILING DATE: 2001-01-30

23 PRIOR FILING DATE: 2001-01-30

24 PRIOR FILING DATE: 2001-01-30

25 PRIOR FILING DATE: 2001-01-30

26 PRIOR FILING DATE: 2001-01-30

27 PRIOR FILING DATE: 2001-01-30

28 PRIOR FILING DATE: 2001-01-30

29 PRIOR FILING DATE: 2001-01-30

30 PRIOR FILING DATE: 2001-01-30

31 PRIOR FILING DATE: 2001-01-30

32 PRIOR FILING DATE: 2001-01-30

Db 3 CAGGACGACCAAC 15

RESULT 329
US-09-067-638B-1/C
Patent No. US2002028923A1

GENERAL INFORMATION:
APPLICANT: Lex M. Cowest
APPLICANT: John McNeil
APPLICANT: Susan M. Freiler
APPLICANT: Henri M. Sasmor
APPLICANT: Craig O'Brien, Brooks
APPLICANT: Jacqueline R. Wyatt
APPLICANT: Alexander Borcher
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Targeted for Modulation by Oligonucleotides and
TITLE OF INVENTION: Modulation
NUMBER OF INVENTIONS: 1
ADDRESSER: WOODCOCK WASHBURN KINTZ
ADDRESSER: WOODCOCK WASHBURN KINTZ
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
COMPUTER: IBM
SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/067,638B
CLASSIFICATION: 435-1398
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/081,483
ATTORNEY/AGENT INFORMATION:
NAME: John M. Caldwell
REGISTRATION NUMBER: 28,937
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3100
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
TOPOLGOS: linear

US-09-067-638B-1
Query Match
Beat local similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 17 GTGGCTTCCTCCGC 5

RESULT 330
US-10-128-560-41
Sequence 41; Application US/10128560
Patent No. US2003013472A1
APPLICANT: Univerteclat Gent

TITLE OF INVENTION: Targeted mutation analysis of the NPI Gene
FILE REFERENCE: US-09-05-57
CURRENT APPLICATION NUMBER: US/10/128,560
CURRENT FILING DATE: 2002-04-18
PRIOR APPLICATION NUMBER: SE 98070216.1
PRIOR FILING DATE: 1998-04-18
PRIOR APPLICATION NUMBER: SE 00870122.9
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: US 60/211,929
PRIOR FILING DATE: 1999-05-16
NUMBER OF SEQ ID NOS: 264
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 1
SEQ ID NO 41
TYPE: RNA
ORGANISM: Homo sapiens
US-10-128-560-41

Query Match
Beat local similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 220 GTGGCTTCCTCCGC 17
5 GTGGCTTCCTCCGC 17

RESULT 331
US-10-116-325-1/C
Sequence 1; Application US/10116325
Patent No. US2002011792A1

GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Vickers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Targeted for Modulation by Oligonucleotides
TITLE OF INVENTION: Modulation of Oligonucleotides For Gene Modulation
FILE REFERENCE: US1559026
CURRENT APPLICATION NUMBER: US/10/116,325
PRIOR APPLICATION NUMBER: 60/097,638
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/081,483
PRIOR FILING DATE: 1998-04-13
NUMBER OF INVENTIONS: 1
SOFTWARE: Patent version 3.1
SEQ ID NO 1
LENGTH: 18
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US2003011792A1 Sequence
US-10-116-325-1

Query Match
Beat local similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1294 GTGGCTTCCTCCGC 1306
17 GTGGCTTCCTCCGC 5

RESULT 332
US-09-067-638B-1/C
Sequence 165; Application US/06591486B


```

CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/24263, 6
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acemica Sequence Listing Engine
SEQ ID NO 1524
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

Query Match      0.9%  Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pct. No. 3,46+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0.

1209 CCCCCTGACTCTCTCT 1224
DB      17 CCCCCTGACTCTCTCT 2

RESULT 341
US-09-866-108-1525/c
Sequence 1525, Application US/09866108
GENERAL INFORMATION:
APPLICANT: GU, Yishong
APPLICANT: JIN, Yongsang G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
TITLE OF INVENTION: WYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOC10-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30

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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acemica Sequence Listing Engine
SEQ ID NO 1525
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

Query Match      0.9%  Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pct. No. 3,46+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0.

1209 CCCCCTGACTCTCTCT 1224
DB      16 CCCCCTGACTCTCTCT 1

RESULT 342
US-09-866-108-2704/c
Sequence 2704, Application US/09866108
GENERAL INFORMATION:
APPLICANT: GU, Yishong
APPLICANT: JIN, Yongsang
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: WYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOC10-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acemica Sequence Listing Engine
SEQ ID NO 1525
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

```



```

Query Match      0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%;
Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 502 GCGGATATATGACGA 517
      |||||
Db 17 GCGGATATGACGA 2

```

RESULT 345

US9507863 651515/6 Classification US/0966108
 Applicant: BAXTER INTERNATIONAL INC.
 Patent No. US20020048800A1
 TITLE OF INVENTION: NOVEL INFORMATION
 RESEARCH INFORMATION
 Applicant: Ji, Yonggang
 Inventor: Ji, Yonggang
 Applicant: BAXTER, Sharon G.
 Inventor: BAXTER, Sharon G.
 Applicant: BANK, David R.
 Inventor: BANK, David R.
 Applicant: SHIM, Seungshik
 Inventor: SHIM, Seungshik
 Applicant: SIMMON, James
 Inventor: SIMMON, James
 TITLE OF INVENTION: MYOZIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MISCELL

	Query Match	0.98	Score 12.68	D8 1	Length 17:
	Basic Local Similarity	67.5%	Pred. No. 3.4e+02;		
	Mismatches 147	Conservative	0 Mismatches	2	Indels
Gy	502 GCGGTGATGGTCTGAGAC	517			
D8	16 AGCATGATGTCGATGAGA	1			

RESULT# 346

RESULT 346

US-09-866-108-8082/c
; Sequence 8082, Application US/09866108
; Patent No. US20020048800A1

```

Query Match      0.94; Score 12.8; DB 1; Length 17;
Beet Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      1402 CAGTACAGCTCTCTCTCG 1417
      |||||
Db      17 CAGTCTCTCTCTCTCTCG 2

```

RESULT 347

US-99-866-108-804/c
Sequence 8084, Application US/03866108
Patent No. US2002048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng


```

RESULT 355
US-09-864-785-403/c
/ SEQUENCE 404, Application US/09864785
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 14
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 CTCGCGGCGGCTCT 2

RESULT 356
US-09-864-785-404/c
/ SEQUENCE 404, Application US/09864785
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 104
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 CTCGCGGCGGCTCT 1

RESULT 357
US-09-864-785-1622/c
/ SEQUENCE 1622, Application US/09864785
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1622
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 AACGAGCGCTTCGCG 1

```

```

/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1622
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-1622

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 AACGAGCGCTTCGCG 1534

RESULT 359
US-09-864-785-118
/ SEQUENCE 118, Application US/09861077
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 118
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-2872

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 AACGAGCGCTTCGCG 1534

RESULT 360
US-09-864-785-2872/c
/ SEQUENCE 2872, Application US/09864785
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1972
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-2872

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 AACGAGCGCTTCGCG 1534

RESULT 361
US-09-864-785-1622/c
/ SEQUENCE 1622, Application US/09864785
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Mesiasgen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1622
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-1622

Query Match 0.94; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 AACGAGCGCTTCGCG 1534

```

Merlo, Donald J.
 TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 IN PLANTS
 NUMBER OF SEQUENCES: 1263
 ADDRESS: 633 West Fifth Street
 CITY: Suite 4700
 STATE: Louisiana
 COUNTRY: U.S.A.
 ZIP: 70071-2066
 COMPUTER READABLE FORM: Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: RFLIB 5.1
 CURRENT APPLICATION NUMBER: US/09/661,077
 APPLICATION DATA:
 FILING DATE: 21-Sep-2001
 PRIORITY DATE: 21-Sep-2001
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/679,645
 FILING DATE: JULY 12, 1995
 PRIORITY DATE: JULY 13, 1995
 APPLICATION NUMBER: 08/300,726
 FILING DATE: JULY 13, 1995
 ATTORNEY NAME: Walburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 219/247
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 INFORMATION: 67-3510 118;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 118:
 US-09-961-077-118
 Query Match 0.93; Score 12.6; DB 1;
 Best Local Similarity 75.04; Pval. No. 3.4e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 CQ 438 ATCCACATCCCAACGAC 433
 DB 1 CACCAACGCCCAACGAC 16
 RESULT 360
 US-09-961-077-756
 Sequence 756: Application US/09961077
 GENERAL INFORMATION:
 APPLICANT: Zwick, Michael G.
 APPLICANT: Edington, Brent B.
 APPLICANT: Merlo, Donald J.
 APPLICANT: Goto, Ikinag
 APPLICANT: Skokut, Thomas A.
 APPLICANT: Polak, Otto
 APPLICANT: Merlo, Donald J.
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 MODULATION OF GENE EXPRESSION
 IN PLANTS

NUMBER OF SEQUENCES: 1263
 ADDRESS: 633 West Fifth Street
 CITY: Suite 4700
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM: Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: RFLIB 5.1
 CURRENT APPLICATION NUMBER: US/09/661,077
 APPLICATION DATA:
 FILING DATE: 21-Sep-2001
 PRIORITY DATE: 21-Sep-2001
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/679,645
 FILING DATE: JULY 12, 1995
 PRIORITY DATE: JULY 13, 1995
 APPLICATION NUMBER: 08/300,726
 FILING DATE: JULY 13, 1995
 ATTORNEY NAME: Walburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 219/247
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 INFORMATION: 67-3510 118;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 756:
 US-09-961-077-756
 Query Match 0.93; Score 12.6; DB 1;
 Best Local Similarity 62.51; Pval. No. 3.4e+02;
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
 CQ 635 ATCCGACACCAAGCA 630
 DB 2 ATCCGACACCAAGCA 17
 RESULT 361
 US-09-780-533A-24
 Sequence 24: Application US/09780533A
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blitt, Larry
 APPLICANT: Cowan, Peter
 APPLICANT: Haebeil, Pete
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NCOO Gene
 EXPRESSION
 CURRENT APPLICATION NUMBER: US/09/780,533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,197
 NUMBER OF SEQUENCES: 2
 SOFTWARE: Patent version 3.0
 SEQ ID NO 24
 LENGTH: 17
 TYPE: RNA

ORGANISM: Homo sapiens
US-09-780-533A-24

Query Match
Best Local Similarity 62.5%; Pred. No. 3,4e+02; Length 17;
Matches 10; Conservative 2; Indels 0; Gaps 0;

670 CTGACGACGACCTCT 685
|||||:|||||:
2 CUCAGACGACGACCT 17

RESULT 362

US-09-780-533A-879/C

Sequence 879; Application US/09780533A

Publication No. US2003006061A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

APPLICANT: McGaughen, Jim

APPLICANT: Heberli, Peter

APPLICANT: Heberli, Peter

TITLE OF INVENTION: Method and Reagent for the Inhibition of MOCO Gene

FILE REFERENCE: MEMB00.878-A. (400/011)

CURRENT FILING DATE: 2001-02-09

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 60/181,797

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: Preclint version 3.0

SEQ ID NO 878

LENGTH: 17

ORGANISM: Homo sapiens

Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

67 1332 CATGACGACGACCT 1347
|||||:|||||:
16 CTGACGACGACCT 1

RESULT 363

US-09-780-533A-858

Sequence 858; Application US/09780533A

Publication No. US2003006061A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

APPLICANT: McGaughen, Jim

APPLICANT: Heberli, Peter

APPLICANT: Heberli, Peter

TITLE OF INVENTION: Method and Reagent for the Inhibition of MOCO Gene

FILE REFERENCE: MEMB00.878-A. (400/011)

CURRENT FILING DATE: 2001-02-09

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 60/181,797

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: Preclint version 3.0

SEQ ID NO 128

LENGTH: 17

ORGANISM: Homo sapiens

Query Match
Best Local Similarity 62.5%; Pred. No. 3,4e+02; Length 17;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

67 1231 CTGACGACGACCT 1246
|||||:|||||:
2 CUCAGACGACGACCT 17

RESULT 364

US-09-780-533A-1418/C

Sequence 1418; Application US/09780533A

Publication No. US2003006061A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

APPLICANT: McGaughen, Jim

APPLICANT: Heberli, Peter

APPLICANT: Heberli, Peter

TITLE OF INVENTION: Method and Reagent for the Inhibition of MOCO Gene

FILE REFERENCE: MEMB00.878-A. (400/011)

CURRENT FILING DATE: 2001-02-09

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 60/181,797

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: Preclint version 3.0

SEQ ID NO 1418

LENGTH: 17

ORGANISM: Homo sapiens

Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

67 1321 CATGACGACGACCT 1336
|||||:|||||:
17 GACGACGACCT 2

RESULT 365

US-09-780-533A-1600

Sequence 1600; Application US/09780533A

Publication No. US2003006061A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

APPLICANT: McGaughen, Jim

APPLICANT: Heberli, Peter

APPLICANT: Heberli, Peter

TITLE OF INVENTION: Method and Reagent for the Inhibition of MOCO Gene

FILE REFERENCE: MEMB00.878-A. (400/011)

CURRENT FILING DATE: 2001-02-09

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 60/181,797

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: Preclint version 3.0

SEQ ID NO 1600

LENGTH: 17

ORGANISM: Homo sapiens

Query Match
Best Local Similarity 62.5%; Pred. No. 3,4e+02; Length 17;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

67 1231 CTGACGACGACCT 1246
|||||:|||||:
1 CUCAGACGACGACCT 16

RESULT 366

US-09-877-478-40/C

Sequence 40, Application US/09877478
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Diaper, Kenneth
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Morrisey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 CURRENT FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/982,712
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/139,627
 PRIOR FILING DATE: 1994-02-08/09/133,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 08/434,504
 PRIOR FILING DATE: 1995-05-04/09/136,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: Patent version 3.0
 SEQ ID NO: 1
 TYPE: RNA
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-712
 Query Match 0.91; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.51; Pred. No. 3.4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 712 GACCTCGGCTCTTCA 727
 17 CCACTTCGACCTCTTCA 2

RESULT 367
 US-09-877-478-712/c
 Publication No. US2003006830A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Diaper, Kenneth
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Morrisey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 CURRENT FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/597,478
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/656,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/133,993
 PRIOR FILING DATE: 1994-02-08/09/133,993
 PRIOR FILING DATE: 1995-05-04/09/136,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: Patent version 3.0
 SEQ ID NO: 1
 TYPE: RNA
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-712
 Query Match 0.91; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.51; Pred. No. 3.4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 710 CCACTTCGACCTCTTCA 725
 17 CCACTTCGACCTCTTCA 2

PRIOR APPLICATION NUMBER: US 09/436,430
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Diaper, Kenneth
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Morrisey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 CURRENT FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/982,712
 PRIOR APPLICATION NUMBER: US 09/551,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09/09/656,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/133,993
 PRIOR FILING DATE: 1994-02-08/09/133,993
 PRIOR FILING DATE: 1995-05-04/09/136,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: Patent version 3.0
 SEQ ID NO: 1
 TYPE: RNA
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-713
 Query Match 0.91; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.51; Pred. No. 3.4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 710 CCACTTCGACCTCTTCA 725
 17 CCACTTCGACCTCTTCA 2

RESULT 368
 US-09-877-478-713/c
 Publication No. US2003006830A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Diaper, Kenneth
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Morrisey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 CURRENT FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/982,712
 PRIOR APPLICATION NUMBER: US 09/551,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09/09/656,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/133,993
 PRIOR FILING DATE: 1994-02-08/09/133,993
 PRIOR FILING DATE: 1995-05-04/09/136,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: Patent version 3.0
 SEQ ID NO: 1
 TYPE: RNA
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-714/c
 Publication No. US2003006830A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Diaper, Kenneth

```

/ APPLICANT: Blact, Larry
/ APPLICANT: Moritz, David
/ APPLICANT: Moritz, David
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ QUERY MATCH
/ CURRENT APPLICATION NUMBER: US 09/877,478
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/536,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 08/433,993
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 08/434,504
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 714
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-09-877-478-714
Query Match
Sequence 1741, Application US/09877478
Best Local Similarity 87.5%; Pctd. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 710 GCGCTTACCGCGGCTT 725
16 CCGCATCGCATGCA 1
RESULT 370
US-09-877-478-1740/C
/ Sequence 1740, Application US/09877478
/ Publication No. US2003069301A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Dreper, Kenneth
/ APPLICANT: Blact, Larry
/ APPLICANT: Moritz, David
/ APPLICANT: Moritz, David
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: MH800-845-H (400/029)
/ CURRENT APPLICATION NUMBER: US/09/877,478
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/536,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 08/433,993
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 08/434,504
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 1740
/ LENGTH: 17

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/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-09-877-478-1740
Query Match
Sequence 1741, Application US/09877478
Best Local Similarity 87.5%; Pctd. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 729 GCGCTTACCGCGGCTT 744
17 CCGCATCGCATGCA 2
RESULT 371
US-09-877-478-1741
/ Sequence 1741, Application US/09877478
/ Publication No. US2003069301A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Dreper, Kenneth
/ APPLICANT: Blact, Larry
/ APPLICANT: Moritz, David
/ APPLICANT: Moritz, David
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: MH800-845-H (400/029)
/ CURRENT APPLICATION NUMBER: US/09/877,478
/ PRIOR FILING DATE: 2001-12-31
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/696,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 08/433,993
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 08/434,504
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 1741
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-09-877-478-1741
Query Match
Sequence 1741, Application US/09877478
Best Local Similarity 66.8%; Pctd. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
DB 1319 TCCCAAGACGACGCA 1394
1 TCCCAAGACGACGCA 16
RESULT 372
US-09-877-478-2266/C
/ Sequence 2266, Application US/09877478
/ Publication No. US2003069301A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Dreper, Kenneth
/ APPLICANT: Blact, Larry
/ APPLICANT: Moritz, David
/ APPLICANT: Moritz, David
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: MH800-845-H (400/029)

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US-09-848-754A-1032
Query Match
Best Local Similarity 68.84; Ped. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

1575 TTGGTCTGAGGAGCA 1590
1 TTTTCTTCTGAGGAGCA 16

Db
1 TTTTCTTCTGAGGAGCA 16

RESULT 376
US-09-848-754A-1283
Sequence 1283; Application US/09848754A
GENERAL INFORMATION:
APPLICANT: Pharmacia Biotech, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MH800-958-1 (400/018)
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1283
LENGTH 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-848-754A-1283
Query Match
Best Local Similarity 68.84; Ped. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

480 CAAACCCGAGCTCTG 495
2 CAAACCCGAGCTCTG 17

Db
2 CAAACCCGAGCTCTG 17

RESULT 377
US-09-848-754A-1284
Sequence 1284; Application US/09848754A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MH800-958-1 (400/018)
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1284
LENGTH 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-848-754A-1284
Query Match
Best Local Similarity 68.84; Ped. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

480 CAAACCCGAGCTCTG 495
1 CAAACCCGAGCTCTG 16

Db
1 CAAACCCGAGCTCTG 16

RESULT 378
US-09-848-754A-2654
Sequence 2654; Application US/09848754A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MH800-955-A (400/008)
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2654
LENGTH 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-848-754A-2654
Query Match
Best Local Similarity 37.51; Ped. No. 3,4e+02;
Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

1066 CTTCTTCTGCTCTGCTCTG 1101
2 CTTCTTCTGCTCTGCTCTG 17

Db
2 CTTCTTCTGCTCTGCTCTG 17

RESULT 379
US-09-776-474-288/1
Sequence 288; Application US/09776474
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Robert, Robert
APPLICANT: Robert, Robert
APPLICANT: Feltsev, Aili
APPLICANT: McGivern, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CK
FILE REFERENCE: MH800-955-A (400/008)
CURRENT FILING DATE: 2001-02-02
NUMBER OF SEQ ID NOS: 2992
SOFTWARE: PatentIn version 3.0
SEQ ID NO 288
LENGTH 17
TYPE: RNA
ORGANISM: Artificial Sequence
GENERAL INFORMATION:
DESCRIPTION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-288
Query Match
Best Local Similarity 87.51; Ped. No. 3,4e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

1268 TTGGACAACTGGGAAA 1283
16 TTGGACAACTGGGAAA 1

Db
16 TTGGACAACTGGGAAA 1

RESULT 380
US-09-776-474-603
Sequence 603; Application US/09776474
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Robert, Robert
APPLICANT: Robert, Robert
APPLICANT: Feltsev, Aili
APPLICANT: McGivern, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CK
FILE REFERENCE: MH800-955-A (400/008)

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/ CURRENT APPLICATION NUMBER: US/09/776,474
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR FILING DATE: 2000-03-02
/ NUMBER OF SEQ ID NOS: 2992
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 603
/ SEQ ID NO 604
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-603

Query Match 0.93; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.24; Pctd No. 3.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Cy 795 GGTGACCTTCGACCT 810
Db 2 GGGGACCTTCGACCT 17

RESULT 381
US-09-776-474-604
/ Sequence 604: Application US/09/776474
/ Publication No. US20030087842A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Boshay, Robert
/ APPLICANT: Boshay, Robert
/ APPLICANT: Holman, Patricia
/ APPLICANT: Faltsev, All
/ APPLICANT: Boshay, Robert
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
/ TITLE OF INVENTION: Enzyme
/ FILE REFERENCE: M8B00-955-A (400/008)
/ CURRENT APPLICATION NUMBER: US/09/776,474
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR FILING DATE: 2000-03-02
/ NUMBER OF SEQ ID NOS: 2992
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 604
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-604

Query Match 0.93; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.09; Pctd No. 3.4e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Cy 797 TTAGACTTCGACCTC 812
Db 1 TTAGACTTCGACCTC 16

RESULT 382
US-09-776-474-779/c
/ Sequence 779: Application US/09/76474
/ Publication No. US20030087842A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Javala, Thale
/ APPLICANT: Boshay, Robert
/ APPLICANT: Boshay, Robert
/ APPLICANT: Holman, Patricia
/ APPLICANT: Faltsev, All
/ APPLICANT: Boshay, Robert
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
/ TITLE OF INVENTION: Enzyme

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/ FILE REFERENCE: M8B00-955-A (400/008)
/ CURRENT APPLICATION NUMBER: US/09/776,474
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR FILING DATE: 2001-02-02
/ NUMBER OF SEQ ID NOS: 2992
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 779
/ SEQ ID NO 779
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-779

Query Match 0.93; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.58; Pctd No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1269 TGGGAACTTCGACAA 1284
Db 17 TGGGAACTTCGACAA 2

RESULT 383
US-09-930-423-753/c
/ Sequence 753: Application US/09/930423
/ Publication No. US20030092003A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: Blatt, Larry
/ APPLICANT: Blatt, Larry
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ TITLE OF INVENTION: Enzyme
/ FILE REFERENCE: M8B00-918-A (400/237)
/ CURRENT APPLICATION NUMBER: US/09/930,423
/ PRIOR FILING DATE: 2001-08-15
/ PRIOR FILING DATE: 2001-08-15
/ NUMBER OF SEQ ID NOS: 4001
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 753
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-753

Query Match 0.93; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.58; Pctd No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1555 ATGATGATCTCCCA 1567
Db 17 ATGATGATCTCCCA 2

RESULT 384
US-09-930-423-1128/c
/ Sequence 1128: Application US/09/930423
/ Publication No. US20030092003A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: Blatt, Larry
/ APPLICANT: Blatt, Larry
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ TITLE OF INVENTION: Enzyme
/ FILE REFERENCE: M8B00-918-A (400/237)
/ CURRENT APPLICATION NUMBER: US/09/930,423
/ PRIOR FILING DATE: 2001-08-15
/ PRIOR FILING DATE: 2001-08-15
/ NUMBER OF SEQ ID NOS: 4001
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1128
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1128

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Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3,4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 1552 ATNACCAAGCTCCCA 1567
 16 ATNACCAAGCTCCCA 1

RESULT 385
 US-09-310-423-1367
 Publication US/09304023
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEM000-918-A, 400/027
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 09/780,433
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 1367
 TYPE: RNA
 ORGANISM: Homo Sapiens
 US-09-310-423-1367

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 3,4e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 DB 475 ATCCCAACATCTCCG 490
 2 ACCCAACATCTCCG 17

RESULT 386
 US-09-780-164-957/c
 Sequence 957, Application US/09780164
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Biact, Laxty
 TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 FILE REFERENCE: 400/010
 CURRENT APPLICATION NUMBER: US/09/780,164
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 09/780,165,516
 NUMBER OF SEQ ID NOS: 2603
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 164
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-164-957

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3,4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 863 TCATGACCTCTGATCT 878
 17 TCATGACCTCTGATCT 2

RESULT 387
 US-09-427-395A-470/c
 Publication US/0907395A
 Publication No. US2003011891A1

GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Lawrence Biact
 APPLICANT: James McGuegan
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOD2 and NOD2 Receptor
 FILE REFERENCE: MEM000-878-C (400/017)
 CURRENT APPLICATION NUMBER: US/09/827,395A
 PRIOR APPLICATION NUMBER: 09/780,533
 PRIOR FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2001-02-11
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 470
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-427-395A-470

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3,4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 1317 TCACCAAGCTCCG 1332
 16 TCACCAAGCTCCG 1

RESULT 388
 US-09-740-332-163/c
 Sequence 163, Application US/09740332
 Publication No. US2003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: SEQ 400/003 US/09/740,332
 CURRENT FILING DATE: 2001-03-26
 PRIOR APPLICATION NUMBER: 09/740,332
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 163
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: msc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-163

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3,4e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 316 AAGCCCAAGCTCCG 331
 17 AAGCCCAAGCTCCG 2

RESULT 389
 US-09-740-332-164/c
 Sequence 164, Application US/09740332
 Publication No. US2003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: SEQ 400/003 US/09/740,332
 CURRENT FILING DATE: 2001-03-26

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NUMBER OF SEQ ID NOS: 9704
/ SEQ ID NOS: 9704
/ SEQ ID NO 164
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-561

Query Match
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 315 GAGGCCGACGATCGCG 330
16 GAGGCCGACGATCGCG 1

RESULT 390
US-09-740-332-525/C
/ Publication No. US20030125270A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ TITLE REFERENCE: RPT 400/003
/ CURRENT APPLICATION NUMBER: US/09/740.332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 917
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-525

Query Match
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 585 GAGGCCGACGATCGCG 600
17 GAGGCCGACGATCGCG 2

RESULT 391
US-09-740-332-561/C
/ Publication No. US20030125270A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ TITLE REFERENCE: RPT 400/003
/ CURRENT APPLICATION NUMBER: US/09/740.332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 951
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:

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/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-561

Query Match
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 493 TTGGGTCGGCGCGCGTGA 508
16 TTGGGTCGGCGCGCGTGA 1

RESULT 392
US-09-740-332-688
/ Publication No. US20030125270A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ TITLE REFERENCE: RPT 400/003
/ CURRENT APPLICATION NUMBER: US/09/740.332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 688
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-688

Query Match
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

DB 1330 GCGACGACGCGCGCGCA 1345
2 GCGACGACGCGCGCGCA 17

RESULT 393
US-09-740-332-917/C
/ Publication No. US20030125270A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ TITLE REFERENCE: RPT 400/003
/ CURRENT APPLICATION NUMBER: US/09/740.332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 917
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-917

Query Match
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 312 GAGGCCGACGATCGCG 327
11 GAGGCCGACGATCGCG 11

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Db 16 GAGAGCCGCGGAGG 1

RESULT 394

US-09-740-332-1069/c

Sequence 1069, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

CURRENT APPLICATION NUMBER: US/09/740.332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 1069

LENGTH: 17

TYPE: RNA

FEATURES: artificial sequence

NAME/KEY: misc_feature

LOCATION: 1

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-1069

Query Match

Local Similarity 87.5% Pred. No. 3,4e+02;

Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Db 1345 ACTCTGACGCTCT 1360

17 ACTCTGACGCTCT 2

RESULT 395

US-09-740-332-1234/c

Sequence 1234, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

CURRENT APPLICATION NUMBER: US/09/740.332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 1234

LENGTH: 17

TYPE: RNA

FEATURES: artificial sequence

NAME/KEY: misc_feature

LOCATION: 1

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-1234

Query Match

Local Similarity 87.5% Pred. No. 3,4e+02;

Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Db 1135 GGTCTCCGCGAGCG 1140

17 GGTCTCCGCGAGCG 2

RESULT 396

US-09-740-332-1463/c

Sequence 1463, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

CURRENT APPLICATION NUMBER: US/09/740.332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 1463

LENGTH: 17

TYPE: RNA

FEATURES: artificial sequence

NAME/KEY: misc_feature

LOCATION: 1

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-1463

Query Match

Local Similarity 87.5% Pred. No. 3,4e+02;

Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Db 522 GCCGAGCCGAGG 537

17 GCCGAGCCGAGG 2

RESULT 397

US-09-740-332-3092

Sequence 3092, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

CURRENT APPLICATION NUMBER: US/09/740.332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 3092

LENGTH: 17

TYPE: RNA

FEATURES: artificial sequence

NAME/KEY: misc_feature

LOCATION: 1

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3092

Query Match

Local Similarity 75.0% Pred. No. 3,4e+02;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Db 522 GCCGAGCCGAGG 537

2 GCCGAGCCGAGG 17

RESULT 398

US-09-740-332-3321

Sequence 3321, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

TITLE OF INVENTION: Hepatitis C Virus Infection

CURRENT APPLICATION NUMBER: US/09/740.332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 3321

LENGTH: 17

TYPE: RNA

1 TYPE: RNA
 1 FEATURE:
 1 NAME/KEY: misc_feature
 1 ORGANISM: Homo sapiens
 1 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3621

Query Match
 Best Local Similarity 7.0%; Score 12.8; DB 1; Length 17;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1125 GCGTCGCGACGACGG 1140
 Db 1 GCGTCGCGACGACGG 17

RESULT 389
 US-09-740-332-3495
 Sequence 3495; Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION: Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: RPI 400/003 US/09/740,332
 CURRENT PILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3639
 TYPE: RNA
 FEATURE:
 NAME/KEY: misc_feature
 ORGANISM: Homo sapiens
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3493

Query Match
 Best Local Similarity 56.2%; Pred. No. 3.4e+02;
 Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 AGCTTCACACATCT 1360
 Db 2 AGCTTCACACATCT 17

RESULT 400
 US-09-740-332-3560
 Sequence 3560; Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION: Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: RPI 400/003 US/09/740,332
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT PILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3660
 TYPE: RNA
 FEATURE:
 NAME/KEY: misc_feature
 ORGANISM: Homo sapiens
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3560

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 62.5%; Pred. No. 3.4e+02;
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1294 GCGTCGCGACGACGG 1309
 Db 1 GCGTCGCGACGACGG 16

RESULT 401
 US-09-740-332-3639
 Sequence 3639; Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION: Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: RPI 400/003 US/09/740,332
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT PILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3639
 TYPE: RNA
 FEATURE:
 NAME/KEY: misc_feature
 ORGANISM: Homo sapiens
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3639

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 3.4e+02;
 Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 313 GGAAGCGCGACGACGG 328
 Db 1 GGAAGCGCGACGACGG 16

RESULT 402
 US-09-740-332-3867/c
 Sequence 3867; Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION: Pharmaceuticals Inc.
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: RPI 400/003 US/09/740,332
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT PILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3867
 TYPE: RNA
 FEATURE:
 NAME/KEY: misc_feature
 ORGANISM: Homo sapiens
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3867

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 8.4%; Pred. No. 3.4e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 403

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US-09-740-332-4030
/ Sequence 4030: Application US/09740332
/ SEQ ID NO 1128
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ CURRENT APPLICATION NUMBER: US/09/740,332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4030
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: msec_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4030
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
DB 2 GACCACCACTGTCCTCA 17

RESULT 406
US-09-745-237A-753/
/ Sequence 753: Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MHB800-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 753
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-753
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.8%; Pred. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 1552 ATGACATCAGCTCTCCA 1567
17 ATGACATCAGCTCTCCA 2

RESULT 405
US-09-745-237A-1128/
/ Sequence 1128: Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MHB800-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550

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/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1128
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-1128
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.8%; Pred. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 1552 ATGACATCAGCTCTCCA 1567
16 ATGACATCAGCTCTCCA 1

RESULT 406
US-09-745-237A-1367
/ Sequence 1367: Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MHB800-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1367
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-1367
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3,4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
DB 475 AGCCGACATCTCTCG 490
2 ACCGACATCTCTCG 17

RESULT 407
US-09-792-818-155
/ Sequence 155: Application US/09792818
/ Publication No. US20030143686A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of GTP-2-related with Inse
/ FILE REFERENCE: MHB800-901-1 (480/013)
/ CURRENT APPLICATION NUMBER: US/09/792,818
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 304
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 155
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-792-818-155
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3,4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Academica Sequence Labeling Engine
/ SEQ ID NO: 175
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-1475

Query Match      0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity: 87.5%; Pred. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      523 CCGATGACCGGACAGC 538
DB      17 CCGAGGACCGGACAGC 2

RESULT 413
US-10-061-201-1476/c
/ Publication No. US20030166223A1
/ GENERAL INFORMATION:
/ TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
/ FILE REFERENCE: DB1178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Academica Sequence Labeling Engine
/ SEQ ID NO: 176
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-1476

Query Match      0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity: 87.5%; Pred. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      523 CCGATGACCGGACAGC 538
DB      17 CCGAGGACCGGACAGC 2

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Academica Sequence Labeling Engine
/ SEQ ID NO: 2094
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-2094

Query Match      0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity: 87.5%; Pred. No. 3,4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1134 CCGATTCGCGAAGACG 1139
DB      17 CCGATTCGCGAAGACG 2

RESULT 415
US-10-061-201-2095/c
/ Sequence 2095, Application US/10061201
/ Publication No. US20030166223A1
/ GENERAL INFORMATION:
/ TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30

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PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 6/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 OTHER INFORMATION: oligonucleotide substrate
 SEQ ID NO 2095
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-163

Query Match 0.94; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1124 GATCGCCGACGCGG 1139

16 GATCGCCGACGCGG 1

RESULT 416

US-09-817-879-163/c

Sequence 163; Application US/09817879

Publication No. US2003017111A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: NHEB001-801-F

CURRENT FILING DATE: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SOFTWARE: Patentin version 3.0

SEQ ID NO 525

TYPE: RNA

ORGANISM: artificial sequence

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-163

Query Match 0.94; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 316 GAAGCCGACGCGG 331

17 GAAGCCGACGCGG 2

RESULT 417

US-09-817-879-164/c

Sequence 164; Application US/09817879

Publication No. US2003017111A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: NHEB001-801-F

CURRENT FILING DATE: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SOFTWARE: Patentin version 3.0

SEQ ID NO 525

TYPE: RNA

ORGANISM: artificial sequence

NAME/KEY: misc_feature

SOFTWARE: Patentin version 3.0
 SEQ ID NO 164
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-164

Query Match 0.94; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 316 GAAGCCGACGCGG 330

16 GAAGCCGACGCGG 1

RESULT 418

US-09-817-879-525/c

Sequence 525; Application US/09817879

Publication No. US2003017111A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: NHEB001-801-F

CURRENT FILING DATE: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SOFTWARE: Patentin version 3.0

SEQ ID NO 525

TYPE: RNA

ORGANISM: artificial sequence

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-525

Query Match 0.94; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 588 GAAGCCGACGCGG 600

17 GAAGCCGACGCGG 2

RESULT 419

US-09-817-879-561/c

Sequence 561; Application US/09817879

Publication No. US2003017111A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Hepatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: NHEB001-801-F

CURRENT FILING DATE: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SOFTWARE: Patentin version 3.0

SEQ ID NO 561

TYPE: RNA

ORGANISM: artificial sequence

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-525

100

1. TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; GENERAL INFORMATION:

```

/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1463

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 14; Conservative 2; Indels 0; Gaps 0;

DB 522 GGCACAGACCCCTGAAAG 537
17 GGCACAGACCCCTGAAAG 2

RESULT 425
US-09-817-879-3092
/ Sequence 3092
/ Publication No. US2003017131A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: WMB00-801-F
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3495
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3092

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3,4e+02;
Matches 12; Conservative 2; Indels 0; Gaps 0;

DB 522 GGCACAGACCCCTGAAAG 537
2 GGCACAGACCCCTGAAAG 17

RESULT 426
US-09-817-879-3231
/ Sequence 3231
/ Publication No. US2003017131A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: WMB00-801-F
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3495
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3231

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3,4e+02;
Matches 12; Conservative 2; Indels 0; Gaps 0;

DB 522 GGCACAGACCCCTGAAAG 537
2 GGCACAGACCCCTGAAAG 17

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/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3321

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3,4e+02;
Matches 12; Conservative 2; Indels 0; Gaps 0;

DB 1125 GCTCCGCGACGAGACG 1140
2 GCTCCGCGACGAGACG 17

RESULT 427
US-09-817-879-3495
/ Sequence 3495
/ Publication No. US2003017131A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: WMB00-801-F
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3495
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3495

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 3,4e+02;
Matches 9; Conservative 5; Indels 0; Gaps 0;

DB 1345 ACTCTCCGACCTCTC 1360
2 ACTCTCCGACCTCTC 17

RESULT 428
US-09-817-879-3560
/ Sequence 3560
/ Publication No. US2003017131A1
/ GENERAL INFORMATION: Pharmaceuticals Inc.
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: WMB00-801-F
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3560
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3560

Query March 0.9% Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 3,4e+02;

```

Matches	10; Conservative	4; Mismatches	2; Indels	0; Gaps
QY	1294	GTGATCTCTGCGCGGCTGC	1309	
		: :		
nb	1	GAGGCTCTGCGCGGCTGC	16	

RESULT 429
US-09-817-879-3639
Sequence 3639. Application US/09817879

Publication No. 06200301731311

GENERAL INFORMATION: Pharmaceutics Inc.

TITLE OF INVENTION: Hemophilic Nucleic Acid Treatment of Diseases or Conditions Related to HIV

TITLE OF INVENTION: Hemophilic Nucleic Acid Treatment of Diseases or Conditions Related to HIV

CURRENT PUBLICATION NUMBER: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SEQ ID NO 3639

SEQ ID NO 3639

```

? LENGTH: 17
? TYPE: RNA
? ORGANISM: artificial sequence
? FEATURES:
? NAME/KEY: misc_feature
? LOCATION:
? OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3639

```

Query Match 0.9%; Score 12.8; DB 1; Length 17
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels

```

QY      313 GAGAGCCGCAAGTCC 328
          ||| ||| ||| ||| |||
Db      1 GAGCCGCCGCAAGTCC 16

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US-09-817-879-2867/c
 RESUBMIT 430
 Publication No. US2009017311A1
 Publication No. US2009017311A1
 GENERAL INFORMATION:
 APPLICANT: Biocyte Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Cytidine Deaminase Deficiency
 FILE REFERENCE: 09/800,401-2
 CURRENT APPLICATION NUMBER: US/09/817,879

```

1 CURRENT FILING DATE: 2001-03-26
2 NUMBER OF SEQ ID NOS: 3
3 SOFTWARE: seqret v1.0.4
4 SOURCE: GenBank version 3.0
5 SEQ ID NO: 1
6 LENGTH: 117
7 TYPE: RNA
8 ORGANISM: artificial sequence
9 FEATURE:
10     name            misc_feature
11     location         1..117
12     other_information oligonucleotide substrates
13 US-09-8117-879-3867

```

Query Match	0.94	Score 12.8	DB 1	Length 17
Best Local Similarity	87.5%	Pred. N:3,+6+02;		
Matches 14/	Conservative	0/	Mismatches 2/	Indels 0/
Q1	1330 GCCATGGACGACGGAGAC	1345		
hb	17 GCCATGGACGACGGAGAC	2		

RESULT 431
US-09-817-879-4030

```

/ Sequence 4030, Application US/98617879
/ Publication No. US200071731A1
/ APPLICANT: Abbott Pharmaceutical Inc.
/ TITLE OF INVENTION: Empyemic Nucleic Acid Treatment of Diseases or Conditions Related
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: HMB00-601-7
/ FILING DATE: 09/26/98
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 4030
/ NAME: RNA
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURES:
/ NAME/DEF: misc_feature
/ LOCATION: 1..9703
/ OTHER INFORMATION: oligonucleotide substrate
-08-09-817-877-0030

```

Query Mach.	0.98	Score 12.8,	DB 1,	Length 17,
Best Local Similarity	68.8%	Pred. No. 3,4+02,		
Matches 11;	Conservative	2;	Mismatches 2;	Indels 0;
Gaps				0.
QY	585 GAAACGCACTGTAGAT	600		
Dd	2 GAACCGCACCTTCCCTG	17		

RESULT 432
US-10-230-006-627
; Sequence 627, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc

APPLICANT: ROHM&CO. KASEI
 ADDRESS: 1-1-1, HONCHO, KITA-KU,
 KYOTO 600, JAPAN
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
 FILE REFERENCE: 400/956 (HEB01.11.10)
 CURRENT APPLICATION NUMBER: US/10,230, 006
 PRIORITY DATE: 1994-09-22
 CURRENT INVENTOR: KAWABE, TOSIYUKI
 PRIORITY APPLICATION NUMBER: 2-1994-09/315, 315
 PRIORITY DATE: 1994-09-22
 PRIOR FILING DATE: 2001-08-28
 NUMBER OF SEQ ID NOS: 2678
 SOFTWARE: patentln version 3.0
 SEQ NO: 1
 SEQ NO: 2
 SEQ NO: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 3-3-10-230-006-627

Query Match	0.84	Score 12.0	DB 1	Length 17
Base Local Similarity	75.0%	Pident. 3.4e+02		
Matches 121	Conservative 2	Mismatches 2	Indels 0	Gaps 0
Q7	1260	CGCGAGCTGTCGACAA	1275	
Db	2	CGCCCGCTGGGAGCAAC	17	

RESULT 433
US-10-20-2004-766/e Application US/1023006
Publication No. US200501907A1
PUBLICATION INFORMATION:
APPLICANT: KIDZOMAX Pharmaceuticals, Inc.
INVENTOR: JAMES M. HANSEN
AGENT: McSHANE & JIM
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDITIONS
CURRENT APPLICATION NUMBER: US/10/220,006
CURRENT FILING DATE: 2002-11-18


```

/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: amine-modified oligonucleotide
/ FEATURES:
/ NAME: 169_1594
/ LOCUS: 169_1594 (171 bp)
/ OTHER INFORMATION: n is 3' amino-substituted deoxycytidine (4-amino-1-(4-amino-5-yl
US-10-194-138-31
Query Match 0.94; Score 12.8; DB 1; Length 17;
Beat Local Similarity 87.54; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 15850 TCAATGACCTGATGCTCC 16565
1 TCAATGACCTGATGCTCC 16

RESULT 441
US-10-060-986-791
/ Sequence 193, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION: Pharmaceuticals, Inc.
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR APPLICATION NUMBERS: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Nucleic Sequence Listing Engine
/ SEQ ID NO 1303
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-986-791
Query Match 0.94; Score 12.8; DB 1; Length 17;
Beat Local Similarity 87.54; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 1309 CTTCTGCTTCCTGCA 1324
2 CTTCTGCTTCCTGCA 17

RESULT 442
US-10-060-986-793
/ Sequence 193, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION: Pharmaceuticals, Inc.
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR APPLICATION NUMBERS: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Nucleic Sequence Listing Engine
/ SEQ ID NO 793
/ LENGTH: 17

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/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-986-793
Query Match 0.94; Score 12.8; DB 1; Length 17;
Beat Local Similarity 87.54; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 1310 TCTGCTTCCTGCA 1325
1 TCTGCTTCCTGCA 16

RESULT 443
US-10-156-306-31
/ Sequence 31, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION: Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ FILE REFERENCE: Levels of RXR-gamma and PXR
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ PRIOR FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SEQ ID NO 31
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-156-306-31
Query Match 0.94; Score 12.8; DB 1; Length 17;
Beat Local Similarity 87.54; Pred. No. 3.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
DB 871 CCGATGCTGCTGCTG 886
2 CCGATGCTGCTGCTG 17

RESULT 444
US-10-156-306-1303
/ Sequence 1303, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION: Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ FILE REFERENCE: Levels of RXR-gamma and PXR
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ PRIOR FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 1303
/ SEQ ID NO 1303
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-156-306-1303
Query Match 0.94; Score 12.8; DB 1; Length 17;
Beat Local Similarity 82.54; Pred. No. 3.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
DB 871 CCGATGCTGCTGCTG 886
1 CCGATGCTGCTGCTG 16

RESULT 445
US-10-156-306-1697

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Sequence 1607, Application US/0156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kossage, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: NHEB01-664-A (1400/050)
CURRENT APPLICATION NUMBER: US/01/56,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1687
DB 1687
TYPS: RNA
ORGANISM: Homo sapiens
US-10-156-306-1687
Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 14/ Conservative 0/ Mismatches 2/ Indels 0/ Gaps 0/
DB 1008 CCAACCCCAACCA 1023
1 CCAACCCCAACCA 16
RESULT 446
US-10-156-306-3717
Sequence 6827, Application US/0156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kossage, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: NHEB01-664-A (1400/050)
CURRENT APPLICATION NUMBER: US/01/56,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1717
DB 1717
TYPS: RNA
ORGANISM: Homo sapiens
US-10-156-306-3717
Query Match
Best Local Similarity 81.2%; Pred. No. 3,4e+02;
Matches 11/ Conservative 1/ Mismatches 2/ Indels 0/ Gaps 0/
DB 927 GGAAGAGAGAGAGAG 942
2 GGAAGAGAGAGAGAG 17
RESULT 447
US-10-156-306-5976/7
Sequence 6827, Application US/0156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kossage, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: NHEB01-664-A (1400/050)
CURRENT APPLICATION NUMBER: US/01/56,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1687
DB 1687
TYPS: RNA

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ORGANISM: Homo sapiens
US-10-156-306-5976
Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 14/ Conservative 0/ Mismatches 2/ Indels 0/ Gaps 0/
DB 903 GGCACCCCAACCA 918
1 GGCACCCCAACCA 1
RESULT 448
US-10-156-306-6827/C
Sequence 6827, Application US/0156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kossage, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: NHEB01-664-A (1400/050)
CURRENT APPLICATION NUMBER: US/01/56,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6823
DB 6823
TYPS: RNA
ORGANISM: Homo sapiens
US-10-156-306-6823
Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 14/ Conservative 0/ Mismatches 2/ Indels 0/ Gaps 0/
DB 1395 CCAACCCCAACCA 1410
1 CCAACCCCAACCA 1
RESULT 449
US-10-156-306-6826/C
Sequence 6826, Application US/0156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kossage, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: NHEB01-664-A (1400/050)
CURRENT APPLICATION NUMBER: US/01/56,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6826
DB 6826
TYPS: RNA
ORGANISM: Homo sapiens
US-10-156-306-6826
Query Match
Best Local Similarity 87.5%; Pred. No. 3,4e+02;
Matches 14/ Conservative 0/ Mismatches 2/ Indels 0/ Gaps 0/
DB 1341 GGAAGAGAGAGAGAG 1356
1 GGAAGAGAGAGAGAG 1
RESULT 450
US-10-156-306-1457/C
Sequence 145, Application US/08887505

```

Publication No. US20020081577A1
 INVENTOR: KILIAN, Robert E.
 APPLICANT: Frank, Bruce L.
 APPLICANT: Goodrich, John
 APPLICANT: Roberts, Peter C.
 APPLICANT: Hamilton, Jr., Henry A.
 APPLICANT: Roberts No. US20020081577A1 A.
 TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
 TITLE OF INVENTION: HEMATITIS C VIRUS
 NUMBER OF SEQUENCES: 172
 CORRESPONDENCE ADDRESS:
 STREET: 60 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 08/08/87, 505
 FILING DATE:
 CLASSIFICATION: S14
 PRIOR APPLICATION DATA:
 FILING DATE: US 08/471,968
 ATTORNEY/AGENT INFORMATION:
 NAME: Kerner, Ann-Louise
 REFERENCE/DOCKET NUMBER: 732
 TELEPHONE: (617) 526-6600
 TELECOMMUNICATION INFORMATION:
 INFORMATION FOR SEQ ID NO: 145:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 STRANDS: 1
 TOPOLOGY: linear
 MOLECULE TYPE: DNA/RNA
 HYDROLYZABLE: YES
 XREF: 1594
 US-08-487-505-145

Query Match 0.94; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 17 CAGCTTCGACATCC 2

RESULT 451
 US-09-280-030-17
 Sequence 17, Application US/0928030A
 Patent No. US2001021515A1
 APPLICANT: Sato, Seiji
 APPLICANT: Higashikuni, Naohiko
 APPLICANT: Kudo, Tomiyuki
 APPLICANT: Kudo, Tomiyuki
 TITLE OF INVENTION: DNA ENCODING NEW POLYPEPTIDES THROUGH EXPRESSION OF THE
 TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
 TITLE OF INVENTION: DNA
 NUMBER OF SEQUENCES: 120
 CORRESPONDENCE ADDRESS:
 CURRENT APPLICATION NUMBER: US/09/280,030A

CURRENT FILING DATE: 1999-03-26
 EARLIER FILING DATE: 1998-03-31
 NUMBER OF SEQ ID NOS: 66
 SOFTWARE: Patent In Ver. 2.0
 MEDIUM TYPE: 3.5 floppy disk
 STRANDS: 1
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 ORGANISM: Artificial Sequence
 FUNCTION: INFORMATION: Description of Artificial Sequence: Designated is
 OTHER INFORMATION: A reverse primer for PCR amplification of
 US-09-280-030-17

Query Match 0.94; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1 TTTGACGATGAC 16

RESULT 452
 US-09-753-435-112
 Patent No. US20010029292A1
 APPLICANT: Gallatin, W. Michael
 APPLICANT: Gallatin, W. Michael
 TITLE OF INVENTION: COMBINED Related Materials and Methods
 NUMBER OF SEQUENCES: 120
 CORRESPONDENCE ADDRESS:
 ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun
 ADDRESS: 3100 Cassel Tower, 535 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: United States of America
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 SOFTWARE: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/753,436
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/382,289
 FILING DATE: 07-JUN-1995
 PRIOR APPLICATION DATA: US 08/487,113
 FILING DATE: 07-JUN-1995
 PRIOR APPLICATION DATA: US 08/286,754
 FILING DATE: 05-NOV-1993
 APPLICATION NUMBER: US 08/102,852
 FILING DATE: 05-NOV-1993
 APPLICATION NUMBER: US 08/009,266
 FILING DATE: 22-JUN-1993
 PRIOR APPLICATION DATA: US 07/894,061
 FILING DATE: 05-JUN-1992
 PRIOR APPLICATION DATA: US 07/889,724
 APPLICATION NUMBER: US 07/889,724
 FILING DATE: 05-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/827,689
 FILING DATE: 27-JAN-1992
 ATTORNEY/AGENT INFORMATION:

```

NAME: WILLIAM, Joseph A., Jr.
REGISTRATION NUMBER: 38,459
REFERENCE/DOCKET NUMBER: 33282
TELEPHONE: (313) 474-6300
FAX: (313) 474-6480
TELEX: 25-3856 474-0648
SEQUENCE CHARACTERISTICS:
FILE REFERENCE: 66008,42003
CURRENT FILING DATE: 2001-03-14
SOFTWARE: PatSeq for Windows Version 3.0
STRANDNESS: single
TYPE: nucleic acids
TOPOLOGY: linear
VARIANT: none
US-09-753-436-112
Query Match 0.94; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 941 GCGCTGTTGAGCACT 956
CTTCAGAGCAAGATTC 17

RESULT 453
US-09-811-094-19
Sequence 19, Application US/0981094
Patent No. US20010044144A1
GENERAL INFORMATION:
APPLICANT: Anderson, Christen M.
APPLICANT: Davis, Robert E.
APPLICANT: Cleveland, William
APPLICANT: Smith, William
APPLICANT: Miller, Scott M.
APPLICANT: Szabo, Tomas R.
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Moore, Walter H.
TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLATOR (ANT),
TITLE OF INVENTION: PRODUCTION OF ADENINE ANT LIGANDS AND SCREENING ASSAYS THEREFOR
FILE REFERENCE: 66008,42003 US/09/811,094
CURRENT FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatSeq for Windows Version 3.0
STRANDNESS: single
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Sequencing primer
US-09-811-094-19
Query Match 0.94; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 669 CTTCAGAGCAAGATTC 684
CTTCAGAGCAAGATTC 17

Db 2 CTTCAGAGCAAGATTC 17

RESULT 454
US-09-810-644-19
Sequence 19, Application US/09810644
Patent No. US20020056150A1
GENERAL INFORMATION:
APPLICANT: Adelson, Christen M.
APPLICANT: Davis, Robert E.
APPLICANT: Cleveland, William
APPLICANT: Smith, William
APPLICANT: Miller, Scott M.
APPLICANT: Szabo, Tomas R.
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Moore, Walter H.
TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLATOR (ANT),
TITLE OF INVENTION: PRODUCTION OF ADENINE ANT LIGANDS AND SCREENING ASSAYS THEREFOR
FILE REFERENCE: 66008,42003
CURRENT FILING DATE: 2001-03-14
SOFTWARE: PatSeq for Windows Version 3.0
STRANDNESS: single
TYPE: nucleic acids
TOPOLOGY: linear
VARIANT: none
US-09-753-436-112
Query Match 0.94; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 669 CTTCAGAGCAAGATTC 684
CTTCAGAGCAAGATTC 17

Db 2 CTTCAGAGCAAGATTC 17

```

```

APPLICANT: Szabo, Tomas R.
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Moore, Walter H.
APPLICANT: Pel, Yashiro
TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLATOR (ANT),
TITLE OF INVENTION: PRODUCTION OF ADENINE ANT LIGANDS AND SCREENING ASSAYS THEREFOR
FILE REFERENCE: 66008,42003
CURRENT FILING DATE: 2001-03-14
SOFTWARE: PatSeq for Windows Version 3.0
STRANDNESS: single
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Sequencing primer
US-09-810-644-19
Query Match 0.94; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 669 CTTCAGAGCAAGATTC 684
CTTCAGAGCAAGATTC 17

Db 2 CTTCAGAGCAAGATTC 17

RESULT 455
US-09-882-507-4
Sequence 75, Application US/09882507
Patent No. US20020056150A1
GENERAL INFORMATION:
APPLICANT: Barker, Konstantinos
APPLICANT: Barker, Konstantinos
TITLE OF INVENTION: Mutations in ITC gamma
FILE REFERENCE: US2002-06289
CURRENT APPLICATION NUMBER: US/09/882,507
FILE REFERENCE: 66008,42003
PRIOR APPLICATION NUMBER: 60/212,438
PRIOR FILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatSeq for Windows Version 3.0
STRANDNESS: single
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Synthetic
US-09-882-507-4
Query Match 0.94; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1217 ACTGCTGTCGACACT 1232
ACTGCTGTCGACACT 18

Db 3 ACTGCTGTCGACACT 18

RESULT 456
US-09-899-422-75/C
Sequence 75, Application US/09899422
Patent No. US20020056150A1
GENERAL INFORMATION:
APPLICANT: Hammer, Rudolph
APPLICANT: Hammer, Rudolph
TITLE OF INVENTION: TNF Receptors, TNF Binding Protein and DNA Coding for
TITLE OF INVENTION: TNF Receptors, TNF Binding Protein and DNA Coding for
CURRENT APPLICATION NUMBER: US/09/899,422

```

/ CURRENT FILING DATE: 2001-09-21
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: 09/383,976
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: 09/383,976
 / PRIOR FILING DATE: 1999-11-17
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1997-01-02
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1996-04-20
 / PRIOR APPLICATION NUMBER: 07/921,750
 / NUMBER OF SEQ ID NOS: 87
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 15
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-899-422-75

Query Match
 Best Local Similarity 87.5%; DB 1; Length 18;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 16 GGGCTGCTCCCTGCTCC 1

RESULT 457
 US-09-898-533-16/C
 / Sequence 16, Application US/0998533
 / PRIOR FILING DATE: 2001-10-02
 / PRIOR APPLICATION NUMBER: 09/853,601
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-898-533-16
 / CURRENT FILING DATE: 2001-09-21
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-11-17
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1997-01-02
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1996-04-20
 / PRIOR APPLICATION NUMBER: 07/921,750
 / NUMBER OF SEQ ID NOS: 46
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 16
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-898-533-16

Query Match
 Best Local Similarity 87.5%; DB 1; Length 18;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 17 TCTTCTCTCTCTCTCTCT 2

RESULT 458
 US-09-789-556A-40
 / Sequence 40, Application US/09789556A
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: 09/383,976
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: 09/383,976
 / PRIOR FILING DATE: 1999-11-17
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1997-01-02
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1996-04-20
 / PRIOR APPLICATION NUMBER: 07/921,750
 / NUMBER OF SEQ ID NOS: 87
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 15
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-789-556A-40

/ CURRENT APPLICATION NUMBER: US/09/789,556A
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: US 60/237,180
 / PRIOR FILING DATE: 2000-10-03
 / PRIOR APPLICATION NUMBER: US 60/187,035
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: US 60/184,315
 / PRIOR FILING DATE: 2000-02-23
 / PRIOR APPLICATION NUMBER: US 60/184,315
 / NUMBER OF SEQ ID NOS: 47
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 16
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-789-556A-40

Query Match
 Best Local Similarity 87.5%; DB 1; Length 18;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 244 ATCCCTTCTCTCTCTCTCT 16

RESULT 459
 US-09-969-973-2427/C
 / Sequence 2427, Application US/09969373
 / PRIOR FILING DATE: 2001-10-02
 / PRIOR APPLICATION NUMBER: 09/853,601
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-969-973-2427/C
 / CURRENT FILING DATE: 2001-09-21
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-11-17
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1997-01-02
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1996-04-20
 / PRIOR APPLICATION NUMBER: 07/921,750
 / NUMBER OF SEQ ID NOS: 46
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 2427
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-969-973-2427/C

Query Match
 Best Local Similarity 87.5%; DB 1; Length 18;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 1364 CTACCTCTCTCTCTCTCT 1

RESULT 460
 US-09-969-973-2427/C
 / Sequence 1364, Application US/09969373
 / PRIOR FILING DATE: 2001-10-02
 / PRIOR APPLICATION NUMBER: 09/853,601
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-969-973-2427/C
 / CURRENT FILING DATE: 2001-09-21
 / PRIOR FILING DATE: 2000-03-15
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-02-01
 / PRIOR APPLICATION NUMBER: 09/853,601
 / PRIOR FILING DATE: 1999-11-17
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1997-01-02
 / PRIOR APPLICATION NUMBER: 07/921,750
 / PRIOR FILING DATE: 1996-04-20
 / PRIOR APPLICATION NUMBER: 07/921,750
 / NUMBER OF SEQ ID NOS: 46
 / SOFTWARE: Patent Ver. 2.0
 / SEQ ID NO: 1364
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Mutagenesis
 / OTHER INFORMATION: Primer FBI-1857
 / US-09-969-973-2427/C

Db 2 GCGGCGGCGCGCGCG 17

RESULT 467

Sequence 22

Application US/09738444A

Publication No. US20030022317A1

GENERAL INFORMATION: 1144m F.

APPLICANT: Schindler, Jim

APPLICANT: Menin, Julie P.

APPLICANT: Greenough, Luis

TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create

FILE REFERENCE: REB-1996-Standard Negative and Replications Inverse

CURRENT FILING DATE: US/09/738,444A

CURRENT FILING DATE: US/09/738,444A

SOFTWARE: Patent Ver. 2.0

SEQ ID NO 22

LENGTH: 18

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: Theoretical

OTHER INFORMATION: Sequences - All randomly generated

US-09-738-444A-22

Query Match

Best Local Similarity 87.5%, Score 12.8, DB 1, Length 18,

Matches 14, Conservative 0, Mismatches 2, Indels 0, Gaps 0,

Db 18 GCGGCGGCGCGCGCG 3

RESULT 468

Sequence 18

Application US/10272970

Publication No. US20030139578A1

GENERAL INFORMATION: 1144m F.

APPLICANT: An-Young, Jai-Ke K.

APPLICANT: Cocks, Benjamin G.

APPLICANT: Coleman, Roger E. J.

APPLICANT: Fildes, Douglas A.

TITLE OF INVENTION: ANTIBODIES SPECIFICALLY BINDING PDBA and PD88

FILE REFERENCE: PC-0094 CIP US/10/272,970

CURRENT FILING DATE: 2002-10-15

PRIOR FILING DATE: 1999-12-02

PRIOR FILING DATE: 1999-12-02

PRIOR FILING DATE: 1999-02-23

PRIOR APPLICATION NUMBER: 08/974,565

PRIOR FILING DATE: 1997-11-19

PRIOR FILING DATE: 1996-03-25

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PERL Program

SEQ ID NOS: 18

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

OTHER INFORMATION: mlec feature

NAME/KEY: mlec feature

OTHER INFORMATION: INOYFC ID NO. US20030139578A1 oligomer1

US-10-272-970-18

Query Match

Best Local Similarity 87.5%, Score 12.8, DB 1, Length 18,

Matches 14, Conservative 0, Mismatches 2, Indels 0, Gaps 0,

Db 18 GCGGCGGCGCGCGCG 3

Matches 14, Conservative 0, Mismatches 2, Indels 0, Gaps 0,

Db 746 AGAGATCGGCGCGCGT 761

3 AGAGATCGGCGCGCGT 18

RESULT 469

Sequence 27

Application US/10314657

Publication No. US2003017588A1

GENERAL INFORMATION: 1144m F.

APPLICANT: SHEN, Ben

APPLICANT: CHEN, Yi-Qing

TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide

FILE REFERENCE: US/630-0021 US/10/314,657

CURRENT FILING DATE: 2002-12-09

PRIOR FILING DATE: 2002-03-22

PRIOR APPLICATION NUMBER: PCT/US02/08937

PRIOR FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 214

SOFTWARE: Patent version 3.2

LENGTH: 18

TYPE: DNA

ORGANISM: Streptomyces atroolivaceus

US-10-314-657-123

Query Match

Best Local Similarity 87.5%, Score 12.8, DB 1, Length 18,

Matches 14, Conservative 0, Mismatches 2, Indels 0, Gaps 0,

Db 491 TCTTGAGTCCCGCGT 506

2 TCTTGAGTCCCGCGT 17

RESULT 470

Sequence 27

Application US/10424211

Publication No. US20030175793A1

GENERAL INFORMATION: 1144m F.

APPLICANT: C. Frank Bernick

APPLICANT: Lex M. Cowest

TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION

FILE REFERENCE: US/10/424,211

CURRENT FILING DATE: 2003-04-25

PRIOR APPLICATION NUMBER: US/09/856,747

PRIOR FILING DATE: 1999-11-25

PRIOR FILING DATE: 1997-11-25

NUMBER OF SEQ ID NOS: 47

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Antisense oligonucleotide

US-10-424-211-27

Query Match

Best Local Similarity 87.5%, Score 12.8, DB 1, Length 18,

Matches 14, Conservative 0, Mismatches 2, Indels 0, Gaps 0,

Db 218 GCGGCGGCGCGCGCG 233

Db 16 CCGGCTTCCTCCTCCT 1

RESULT 471

US-10-63-942-112

Sequence 112, Application US/10163942

Publication No. US2003005015A1

APPLICANT: Gallatin, W. Michael

INVENTOR: Gallatin, W. Michael

TITLE OF INVENTION: Related Materials and Methods

ADDRESS: 120

CORRESPONDENCE ADDRESS: 120

ATTORNEY/AGENT INFORMATION: 253 South Meador Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10163942

CLASSIFICATION: C12N000000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

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APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

RESULT 472

US-10-067-125-11/c

Sequence 11, Application US/10067125

Publication No. US2003005015A1

APPLICANT: Gallatin, W. Michael

INVENTOR: Gallatin, W. Michael

TITLE OF INVENTION: Related Materials and Methods

ADDRESS: 120

CORRESPONDENCE ADDRESS: 120

ATTORNEY/AGENT INFORMATION: 253 South Meador Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10067125

CLASSIFICATION: C12N000000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

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APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

RESULT 473

US-10-122-013-26/c

Sequence 26, Application US/10122013

Publication No. US2003007614A1

APPLICANT: Chetani, Anjali

INVENTOR: Chetani, Anjali

TITLE OF INVENTION: Wnt/PCP signaling in the developing brain

ADDRESS: 120

CORRESPONDENCE ADDRESS: 120

ATTORNEY/AGENT INFORMATION: 253 South Meador Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10122013

CLASSIFICATION: C12N000000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

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APPLICATION NUMBER: US/09753436

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APPLICATION NUMBER: US/09753436

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APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICATION NUMBER: US/09753436

APPLICANT: Somers, Steve S.
 TITLE OF INVENTION: Antisense Polynucleotide Activated Polymerization (PAP): Application to
 FILE REFERENCE: 1994-416
 CURRENT APPLICATION NUMBER: US/10/269,079
 PRIOR APPLICATION NUMBER: US/09/789,556
 PRIOR FILING DATE: 2001-02-22
 PRIOR APPLICATION NUMBER: US/09/237,180
 PRIOR FILING DATE: 2000-03-06
 PRIOR APPLICATION NUMBER: US/09/187,035
 PRIOR FILING DATE: 2000-03-06
 PRIOR APPLICATION NUMBER: US/09/184,315
 PRIOR FILING DATE: 2000-02-23
 NUMBER OF SEQ ID NOS: 47
 SOFTWARE: Pencilin version 3.0
 SEQ ID NO 40
 TYPE: DNA
 ORGANISM: Artificial
 FEATURE:
 NAME/KEY: mlec_feature
 LOCATION: (18)..
 OTHER INFORMATION: diideoynucleotide
 US-10-269-079-40

Query Match 0.94; Score 12.6; DB 1; Length 18;
 Best Local Similarity 0.94; Pval: No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 244 ATCCCTATCCCTCTCT 259
 Db 1 ACCCTATCCCTCTCT 16

RESUME 475
 US-10-269-45
 Sequence 45, Application US/10265689
 Publication No. US2003013776A1
 GENERAL INFORMATION:
 APPLICANT: RICHARD S.
 APPLICANT: COLLINS, SHEILA A.
 APPLICANT: WANDEN, CRAIG H.
 APPLICANT: SEDLIN, MICHAEL F.
 APPLICANT: BOJLAND, FREDERIC
 TITLE OF INVENTION: RESPIRATORY UNCOUPLING PROTEIN
 FILE REFERENCE: 1979-316
 CURRENT FILING DATE: 2002-10-08
 PRIOR APPLICATION NUMBER: US/09/353,645
 PRIOR FILING DATE: 1999-07-15
 PRIOR FILING DATE: 1997-04-22
 PRIOR APPLICATION NUMBER: 60/034,960
 PRIOR FILING DATE: 1997-01-15
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: Pencilin Ver. 2.1
 SEQ ID NO 45
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: Oligonucleotide
 LOCATION: (18)..
 OTHER INFORMATION: Description of Artificial Sequence:
 US-10-265-689-45

Query Match 0.94; Score 12.6; DB 1; Length 18;
 Best Local Similarity 0.94; Pval: No. 1.6e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1088 TCGTTCCTCCCTCC 1103
 Db 3 TCGTTCCTCCCTCC 18

RESUME 476
 US-10-024-336-30
 Sequence 30, Application US/10024336
 Publication No. US2003014784A1
 APPLICANT: Kenneth W. Noble
 TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
 FILE REFERENCE: RFS-0339
 CURRENT APPLICATION NUMBER: US/10/024,336
 CURRENT FILING DATE: 2002-12-18
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 30
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: Antisense Oligonucleotide
 LOCATION: (18)..
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-024-336-30

Query Match 0.94; Score 12.6; DB 1; Length 20;
 Best Local Similarity 0.94; Pval: No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1236 GGTCTTCCTCCCTCTCT 1314
 Db 1 GGTCTTCCTCCCTCTCT 19

RESUME 477
 US-10-06-972A-32/C
 Sequence 32, Application US/1006972A
 Publication No. US200303359A1
 GENERAL INFORMATION:
 APPLICANT: Kenneth W. Noble
 TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
 FILE REFERENCE: RFS-0335
 CURRENT APPLICATION NUMBER: US/10/006,972A
 CURRENT FILING DATE: 2001-12-04
 NUMBER OF SEQ ID NOS: 54
 SEQ ID NO 32
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: Antisense Oligonucleotide
 LOCATION: (18)..
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-006-972A-32

Query Match 0.94; Score 12.6; DB 1; Length 20;
 Best Local Similarity 0.94; Pval: No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1295 TCGTTCCTCCCTCTCT 1313
 Db 19 TCGTTCCTCCCTCTCT 1

RESUME 478
 US-10-024-336-67/C
 Sequence 67, Application US/10024336
 Publication No. US2003014784A1
 GENERAL INFORMATION:
 APPLICANT: Kenneth W. Noble
 TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L EXPRESSION
 FILE REFERENCE: RFS-0339
 CURRENT APPLICATION NUMBER: US/10/024,336
 CURRENT FILING DATE: 2001-12-18
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 6

Sequence 105, Application US/10056414
 Publication No. US20030003466A1
 GENERAL INFORMATION:
 APPLICANT: Schlackebach, Dan T.
 INVENTOR: Schlackebach, Dan T.
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 DISEASES OR CONDITIONS
 NUMBER OF SEQUENCES: 830
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: von E. F. F. F. F.
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 COMPUTER: IBM compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION NUMBER: US/10/066,414
 FILING DATE: 23-Jan-2002
 CLASSIFICATION: C08K9/00
 PRIOR APPLICATION NUMBER: US/08/291,922A
 FILING DATE: August 15, 1994
 APPLICATION NUMBER: 08/248,466
 APPLICATION NUMBER: 07/984,132
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/157
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-112-041600
 TELEFAX: 67-3510 955-0460
 INFORMATION FOR SEQ ID NO: 105:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 131
 TYPE: nucleic acid
 STRANDEDNESS: single
 KEYWORDS: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 105:
 US-10-056-414-105
 Query Match 0.94, Score 12.4, DB 1, Length 15,
 Best Local Similarity 7.94, Prad. No. 2.6e+02
 Matches 11, Conservative 2, Mismatches 1, Indels 0, Gaps 0,
 QY 1557 ATCTGCTCCAGG 1570
 DB 1 NCTGCTCCAGG 14
 RESULT 488
 US-10-112-653-997
 Sequence 997, Application US/10112653
 Publication No. US2003000566A1
 GENERAL INFORMATION:
 APPLICANT: Kiegl, Arthur M.
 INVENTOR: Kiegl, Arthur M.
 TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
 TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
 FILE REFERENCE: 01/037/1006/1488
 CURRENT APPLICATION NUMBER: US/10/112,653

CURRENT FILING DATE: 2002-03-29
 PRIOR APPLICATION NUMBER: US 60/279,662
 PRIOR FILING DATE: 2001-03-29
 NUMBER OF SEQ ID NOS: 1040
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO: 997
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Synthetic Oligonucleotide
 US-10-112-653-997
 Query Match 0.94, Score 12.4, DB 1, Length 15,
 Best Local Similarity 92.94, Prad. No. 2.6e+02
 Matches 13, Conservative 0, Mismatches 1, Indels 0, Gaps 0,
 QY 1067 CTTCCGAGCTTACG 1080
 DB 2 CTTCCGAGCTTACG 15
 RESULT 489
 US-10-017-995-1053
 Sequence 1053, Application US/10017995
 Publication No. US200000550141
 APPLICANT: Bretzler, Robert L.
 TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
 FILE REFERENCE: C1037/025 (HCL/MAT)
 CURRENT FILING DATE: 2001-12-18
 PRIOR FILING DATE: 2001-12-18
 APPLICATION NUMBER: US 60/255,534
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO: 1053
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Synthetic Sequence
 US-10-017-995-1053
 Query Match 0.94, Score 12.4, DB 1, Length 15,
 Best Local Similarity 92.94, Prad. No. 2.6e+02
 Matches 13, Conservative 1, Mismatches 1, Indels 0, Gaps 0,
 QY 1067 CTTCCGAGCTTACG 1080
 DB 2 CTTCCGAGCTTACG 15
 RESULT 490
 US-10-155-233-93
 Sequence 93, Application US/10155233
 Publication No. US2003009294A1
 GENERAL INFORMATION:
 APPLICANT: STALLNER, BRUCE A
 INVENTOR: STALLNER, BRUCE A
 TITLE OF INVENTION: MODULATORS OF PHARMACOLOGICAL AGENTS
 FILE REFERENCE: 1579-684
 CURRENT APPLICATION NUMBER: US/10/155,233
 PRIOR APPLICATION NUMBER: 02/6758,931
 PRIOR FILING DATE: 2001-05-23
 PRIOR FILING DATE: 2001-11-07
 NUMBER OF SEQ ID NOS: 1
 SOFTWARE: Patent Ver. 2.1
 SEQ ID NO: 93
 LENGTH: 15
 TYPE: RNA

QY 378 CACCTCAACACCA 391
DB 16 CACCTCAACACCA 3

RESULT 498

US-09-866-108-631/c
Sequence 631, Application US/09866108

GENERAL INFORMATION:
APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PAN, Shatou G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Weisheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,660

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Acemola Sequence Listing Engine

SEQ ID NO 632

LENGTH: 17

ORGANISM: Homo sapiens

US-09-866-108-631

QY 378 CACCTCAACACCA 391

DB 15 CACCTCAACACCA 2

RESULT 499

US-09-866-108-632/c

Sequence 632, Application US/09866108

Patent No. US20020048800A1

QY 378 CACCTCAACACCA 391

DB 15 CACCTCAACACCA 2

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PAN, Shatou G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Weisheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR APPLICATION NUMBER: 2001-05-25

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,660

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Acemola Sequence Listing Engine

SEQ ID NO 632

LENGTH: 17

ORGANISM: Homo sapiens

US-09-866-108-632

QY 378 CACCTCAACACCA 391

DB 14 CACCTCAACACCA 1

RESULT 500

US-09-866-108-2702/c

Sequence 2702, Application US/09866108

Patent No. US20020048800A1

QY 378 CACCTCAACACCA 391

DB 14 CACCTCAACACCA 1

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PAN, Shatou G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Weisheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR APPLICATION NUMBER: 2001-05-25

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456


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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SEQ ID NO 2702
SOFTWARE: Aedita Sequence Labeling Engine
LENGTH: 17
ORGANISM: Homo sapiens
US-09-866-108-2702

```

```

Query Match 0.94; Score 12.4; DB 1; Length 17;
Seq Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Db 1209 CCGCAGGAGCTT 1222
17 CCGCAGGAGCTT 4

```

```

RESULT 501
US-09-866-108-2702/
Sequence 2702, Application US/09866108
Patent No. US2002048800A1
GENERAL INFORMATION:
APPLICANT: CITI YONGANG
APPLICANT: PAN, Sharon G.
APPLICANT: HAN, David K.
APPLICANT: PAN, David K.
APPLICANT: CHEN, Wenhang
APPLICANT: SHANON, Mark
TITLE OR INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30

```

```

PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
SOFTWARE: Aedita Sequence Labeling Engine
SEQ ID NO 2703
LENGTH: 17
ORGANISM: Homo sapiens
US-09-866-108-2703

```

```

Query Match 0.94; Score 12.4; DB 1; Length 17;
Seq Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Db 1209 CCGCAGGAGCTT 1222
16 CCGCAGGAGCTT 3

```

```

RESULT 502
US-09-866-108-2742
Sequence 2742, Application US/09866108
Patent No. US2002048800A1
GENERAL INFORMATION:
APPLICANT: CITI YONGANG
APPLICANT: PAN, Sharon G.
APPLICANT: HAN, David K.
APPLICANT: PAN, David K.
APPLICANT: CHEN, Wenhang
APPLICANT: SHANON, Mark
TITLE OR INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30

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/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmona Sequence Labeling Engine
/ TITLE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-2743
/ SEQ ID NO: 2743
/ LENGTH: 17
/ GCGGCTGGCTGGCTGGC
/ TYR: DNA Homo sapiens
US-09-866-108-2743

```

```

Query Match 0.94; Score 12.4; DB 1; Length 17;
Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

```

```

Cy 1416 GCGGCTGGCTGGCTGGC 1429
Db 4 GCGGCTGGCTGGCTGGC 17

```

```

RESULT 503
US-09-866-108-2743
/ Sequence 2743, Application US/09866108
/ Patent No. US20020048800A1
/ ORGANISM: Homo sapiens
/ APPLICANT: GU, Yixiong
/ APPLICANT: PERN, Sharron G.
/ APPLICANT: BANK, David R.
/ APPLICANT: CHEN, Wenhang
/ APPLICANT: SHANON, Mark
/ TITLE OF INVENTION: MYO-SIN-LINE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-09-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmona Sequence Labeling Engine
/ TITLE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-2743

```

```

/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmona Sequence Labeling Engine
/ SEQ ID NO: 2743
/ LENGTH: 17
/ GCGGCTGGCTGGCTGGC
/ TYR: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-2743

```

```

Query Match 0.94; Score 12.4; DB 1; Length 17;
Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

```

```

Cy 1416 GCGGCTGGCTGGCTGGC 1429
Db 3 GCGGCTGGCTGGCTGGC 16

```

```

RESULT 504
US-09-866-108-2744
/ Sequence 2744, Application US/09866108
/ Patent No. US20020048800A1
/ ORGANISM: Homo sapiens
/ APPLICANT: GU, Yixiong
/ APPLICANT: PERN, Sharron G.
/ APPLICANT: BANK, David R.
/ APPLICANT: CHEN, Wenhang
/ APPLICANT: SHANON, Mark
/ TITLE OF INVENTION: MYO-SIN-LINE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-09-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmona Sequence Labeling Engine
/ TITLE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-2744

```

Query Match 0.94; Score 12.4; DB 1; Length 17;
 Beat Local Similarity 92.9%; Pred. No. 3.86+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 1416 GCGCGTCGGCTGCG 1429

2 GCGCGTCGGCTGCG 15

RESULT 505
 US-09-866-108-2745
 / Sequence 2745, Application US/09866108
 / Patent No. US02002048800A1
 / APPLICANT: QY, Yixiong

APPLICANT: QY, Yixiong
 APPLICANT: PENN, Sharon G.
 APPLICANT: HANZEL, David K.
 APPLICANT: BARK, David S.
 APPLICANT: CHEN, Weisheng
 APPLICANT: SHANNON, Mark

FILE REFERENCE: APOCIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

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PRIOR APPLICATION NUMBER: US/09/866,108

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PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

US-09-866-108-7922/C

Sequence 7922, Application US/09866108

Patent No. US02002048800A1

APPLICANT: QY, Yixiong

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: BARK, David S.

APPLICANT: CHEN, Weisheng

APPLICANT: SHANNON, Mark

FILE REFERENCE: APOCIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

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PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

US-09-866-108-7922/C

Sequence 7922, Application US/09866108

Patent No. US02002048800A1

APPLICANT: QY, Yixiong

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: BARK, David S.

APPLICANT: CHEN, Weisheng

APPLICANT: SHANNON, Mark

FILE REFERENCE: APOCIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

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PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

FILE REFERENCE: MDJMWORF-8
 CURRENT FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aecmics Sequence Listing Engine
 SEQ ID NO 525
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-525

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 1; Indels 0; Gaps 0;

1463 GAGCCAGAGAGAA 1476
 DB 4 GAGCCAGAGAA 17

RESULT 515
 US-09-827-998-525
 Sequence 791 Application US/09827998
 Patent No. US6020102552A1
 GENERAL INFORMATION

APPLICANT: Gu, Yizhong
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 FILE REFERENCE: MDJMWORF-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 CURRENT FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aecmics Sequence Listing Engine
 SEQ ID NO 529
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-529

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 1; Indels 0; Gaps 0;

1464 GAGCCAGAGAA 1477
 DB 1 GAGCCAGAGAA 14

RESULT 516
 US-09-827-998-790
 Sequence 792 Application US/09827998
 Patent No. US6020102552A1
 GENERAL INFORMATION

APPLICANT: Gu, Yizhong
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 FILE REFERENCE: MDJMWORF-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 CURRENT FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aecmics Sequence Listing Engine
 SEQ ID NO 790
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-792

SEQ ID NO 790
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-790

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 1; Indels 0; Gaps 0;

794 AGCTTATCTCTCG 807
 DB 4 AGCTTATCTCTCG 17

RESULT 517
 US-09-827-998-791
 Sequence 791 Application US/09827998
 Patent No. US6020102552A1
 GENERAL INFORMATION

APPLICANT: Shannon, Mark
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 FILE REFERENCE: MDJMWORF-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 CURRENT FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aecmics Sequence Listing Engine
 SEQ ID NO 791
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-791

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 1; Indels 0; Gaps 0;

794 AGCTTATCTCTCG 807
 DB 3 AGCTTATCTCTCG 16

RESULT 518
 US-09-827-998-792
 Sequence 792 Application US/09827998
 Patent No. US6020102552A1
 GENERAL INFORMATION

APPLICANT: Shannon, Mark
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 FILE REFERENCE: MDJMWORF-8
 CURRENT APPLICATION NUMBER: US/09/827,998
 CURRENT FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 NUMBER OF SEQ ID NOS: 1881
 SOFTWARE: Aecmics Sequence Listing Engine
 SEQ ID NO 792
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-827-998-792

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 1; Indels 0; Gaps 0;

Qy 794 AGCTGACTCTGG 807
 |||||
 Db 2 AAGTTCATCTCTGG 15

RESULT 519

US-09-827-998-793
 / Sequence 793: Application US/09827998
 / GENERAL INFORMATION:
 / APPLICANT: G. Yizhong
 / APPLICANT: Shionogi, Mark
 / TITLE OF INVENTION: ISOCORON OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 / FILE REFERENCE: INDMORF-8
 / CURRENT FILING DATE: 2001-04-06/207,998
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / SOFTWARE: Acemica Sequence Editing Engine
 / SEQ ID NO 793
 / LENGTH: 17
 / ORGANISM: Homo sapiens
 US-09-827-998-793

Query Match
 Best Local Similarity 92.9% Pred. No. 3,6e+02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 794 AGCTGACTCTGG 807
 |||||
 Db 1 AAGTTCATCTCTGG 14

RESULT 520

US-09-864-785-408/c
 / Sequence 408: Application US/09864785
 / GENERAL INFORMATION:
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.
 / APPLICANT: Stinchcomb, Dan
 / APPLICANT: Kasper, Ken Jim
 / TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 / TITLE OF INVENTION: Levels of NF-Kappa B
 / FILE REFERENCE: 100/012 (HMBB0-812-20)
 / CURRENT FILING DATE: 2001-05-23/9864,785
 / NUMBER OF SEQ ID NOS: 3929
 / SOFTWARE: Patent version 3.0
 / SEQ ID NO 408
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-408

Query Match
 Best Local Similarity 92.9% Pred. No. 3,6e+02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1226 TGAATCTGCTGG 133
 |||||
 Db 15 TGAATCTGCTGG 2

RESULT 521
 US-09-864-785-461

/ Sequence 461: Application US/09864785
 / GENERAL INFORMATION:
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.
 / APPLICANT: Stinchcomb, Dan
 / APPLICANT: Kasper, Ken Jim
 / TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 / TITLE OF INVENTION: Levels of NF-Kappa B
 / FILE REFERENCE: 100/012 (HMBB0-812-20)
 / CURRENT FILING DATE: 2001-05-23
 / NUMBER OF SEQ ID NOS: 3929
 / SOFTWARE: Patent version 3.0
 / SEQ ID NO 461
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-461

Query Match
 Best Local Similarity 92.9% Pred. No. 3,6e+02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 893 ACGCCGCGAGGCC 906
 |||||
 Db 4 ACGCCGCGAGGCC 17

RESULT 522

US-09-864-785-462
 / Sequence 462: Application US/09864785
 / GENERAL INFORMATION:
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.
 / APPLICANT: Stinchcomb, Dan
 / APPLICANT: Kasper, Ken Jim
 / TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 / TITLE OF INVENTION: Levels of NF-Kappa B
 / FILE REFERENCE: 100/012 (HMBB0-812-20)
 / CURRENT FILING DATE: 2001-05-23
 / NUMBER OF SEQ ID NOS: 3929
 / SOFTWARE: Patent version 3.0
 / SEQ ID NO 462
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-462

Query Match
 Best Local Similarity 92.9% Pred. No. 3,6e+02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 893 ACGCCGCGAGGCC 906
 |||||
 Db 3 ACGCCGCGAGGCC 16

RESULT 523

US-09-864-785-463
 / Sequence 463: Application US/09864785
 / GENERAL INFORMATION:
 / APPLICANT: Rhozyme Pharmaceuticals, Inc.
 / APPLICANT: Stinchcomb, Dan
 / APPLICANT: Kasper, Ken Jim
 / TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 / TITLE OF INVENTION: Levels of NF-Kappa B
 / FILE REFERENCE: 100/012 (HMBB0-812-20)
 / CURRENT FILING DATE: 2001-05-23
 / NUMBER OF SEQ ID NOS: 3929
 / SOFTWARE: Patent version 3.0
 / SEQ ID NO 463
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Artificial Sequence
 / OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-463

Query Match 0.9% Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9% Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

893 ACGCCGACGAGCC 906

DB 1 ACGCCGACGAGCC 14

RESULT 528

US-09-825-805-785/c

Sequence 785, Application US/09825805

Publication No. US20030050122A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

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APPLICANT: Beigzian, Leo

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APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

US-09-730-289B-675

Sequence 675, Application US/09730289B

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 430 TTCGACGACGACCA 443

DB 2 TTCGACGACGACCA 15

RESULT 530

US-09-730-289B-676

Sequence 676, Application US/09730289B

Publication No. US2003005029A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

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APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

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APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

US-09-730-289B-784

Sequence 784, Application US/09730289B

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 632 TTAGCTACGACCA 645

DB 1 TTAGCTACGACCA 14

RESULT 531

US-09-730-289B-784/c

Sequence 784, Application US/09730289B

Publication No. US2003005029A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

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APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

APPLICANT: Beigzian, Leo

DB 16 TCGACGCGGAGC 3

RESULT 532

US-09-780-533A-1096/C
US-09-780-533A-1096/C
Publication No. US2003005053A1GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals, Inc.APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease

FILE REFERENCE: MH800-878-A (400/011)

CURRENT FILING DATE: 2001-02-09

PRIORITY FILING DATE: 2000-12-05

PRIORITY FILING DATE: 1999-12-06

SOFTWARE: Patent version 3.0

SEQ ID NO 1096

LENGTH: 17

ORGANISM: Homo sapiens

US-09-730-289B-1096

Query Match

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 632 TCGACGCGGAGC 645

RESULT 533

US-09-780-533A-11/C
US-09-780-533A-11/C
Publication No. US2003006011A1GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals, Inc.APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MH800-878-A (400/011)

CURRENT FILING DATE: 2001-02-09

PRIORITY FILING DATE: 2000-12-05

SOFTWARE: Patent version 3.0

SEQ ID NO 41

LENGTH: 17

ORGANISM: Homo sapiens

US-09-780-533A-41

Query Match

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 1334 TCGACGCGGAGC 1347

RESULT 534

US-09-780-533A-60
US-09-780-533A-60
Publication No. US2003006011A1GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals, Inc.APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MH800-878-A (400/011)

CURRENT FILING DATE: 2001-02-09

PRIORITY FILING DATE: 2000-12-05

SOFTWARE: Patent version 3.0

SEQ ID NO 1421

LENGTH: 17

ORGANISM: Homo sapiens

US-09-780-533A-1421

Query Match

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 1431 TCGACGCGGAGC 1332

RESULT 535

US-09-780-533A-1421/C
US-09-780-533A-1421/C
Publication No. US2003006011A1GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals, Inc.APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MH800-878-A (400/011)

CURRENT FILING DATE: 2001-02-09

PRIORITY FILING DATE: 2000-12-05

SOFTWARE: Patent version 3.0

SEQ ID NO 1421

LENGTH: 17

ORGANISM: Homo sapiens

US-09-780-533A-1421

Query Match

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 1431 TCGACGCGGAGC 1332

RESULT 536

US-09-780-533A-1594/C
US-09-780-533A-1594/C
Publication No. US2003006011A1GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals, Inc.APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MH800-878-A (400/011)

CURRENT FILING DATE: 2001-02-09

PRIORITY FILING DATE: 2000-12-05

SOFTWARE: Patent version 3.0

SEQ ID NO 1421

LENGTH: 17

ORGANISM: Homo sapiens

US-09-780-533A-1421

Query Match

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 1431 TCGACGCGGAGC 1332

```

CURRENT APPLICATION NUMBER: US/09/780,333A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6579
FILE REFERENCE: WMB00-845-H (400/029)
SEQ ID NO 1594
LENGTH: 17
TYPER: RNA Homo sapiens
US-09-860-533A-1594

Query Match 0.98; Score 12.4; DB 1; Length 17;
Sequence Similarity 92.39; Pred. No. 3,8e+02;
Matches 13; Conservativeness 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1334 TACCGCGAAGGCT 1347
Db 16 TACCGCGAAGGCT 3

RESULT 537
US-09-877-478-170/2
Sequence 170, Application US/09877478
Publication No. US2003006301A1
APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Drepper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Morrissy, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: WMB00-845-H (400/029)
CURRENT FILING DATE: 2001-12-21/09/877,478
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR FILING DATE: 2000-02-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: Patent version 3.0
SEQ ID NO 170
TYPER: RNA
ORGANISM: Hepatitis B Virus
US-09-877-478-170

Query Match 0.98; Score 12.4; DB 1; Length 17;
Sequence Similarity 92.39; Pred. No. 3,8e+02;
Matches 13; Conservativeness 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1465 ACCCGAGGAGGAG 1478
Db 17 ACCCGAGGAGGAG 4

RESULT 538
US-09-877-478-197/2
Sequence 197, Application US/09877478
Publication No. US2003006301A1
GENERAL INFORMATION:

APPLICANT: Rhozyme Pharmaceuticals, Inc.
APPLICANT: Drepper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Morrissy, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: WMB00-845-H (400/029)
CURRENT FILING DATE: 2001-12-21/09/877,478
PRIOR APPLICATION NUMBER: US/09/877,478
PRIOR FILING DATE: 1992-05-14/07/882,712
PRIOR FILING DATE: 2000-03-26/09/636,385
PRIOR FILING DATE: 2000-08-09/09/434,504
PRIOR FILING DATE: 2000-10-24/09/436,347
PRIOR FILING DATE: 1994-02-07/08/193,627
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04/08/434,504
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09/09/436,347
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07/08/433,993
PRIOR FILING DATE: 1995-05-04/08/434,504
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586

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SOFTWARE: PatentIn version 3.0

SEQ ID NO 1461

TYPER: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-1461

Query Match 0.9% Score 12.4; DB 1; Length 17;

Best Local Similarity 57.1% Pred. No. 3.8e+02;

Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

1466 TGGCTCCGCTGCT 1439

1 UGACUCCUCCUCCU 14

RESULT 540

US-09-877-478-1466/

Publication No. US09877478

Publication No. US20030068201A1

GENERAL INFORMATION: Pharmaceuticals, Inc.

APPLICANT: Ribozyme pharmaceuticals, Inc.

APPLICANT: Blat, Larry

APPLICANT: Blat, Larry

APPLICANT: Moravcsik, Dave

APPLICANT: Moravcsik, Dave

FILE REFERENCE: NIH00-445-H (460/022)

CURRENT FILING DATE: 2001-12-31/0862,712

PRIOR FILING DATE: 1992-05-14

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-03-20

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 09/656,347

PRIOR FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR FILING DATE: 1999-11-08

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1466

LENGTH: 17

TYPER: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-1466

Query Match 0.9% Score 12.4; DB 1; Length 17;

Best Local Similarity 92.3% Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1462 CGACGCGAGGGA 1475

14 CTGACGAGAGGA 1

RESULT 541

US-09-877-478-2265/

Sequence 2265; Application US/09877478

Publication No. US09877478

GENERAL INFORMATION: Pharmaceuticals, Inc.

APPLICANT: Ribozyme pharmaceuticals, Inc.

APPLICANT: Draper, Kenneth

APPLICANT: Draper, Kenneth

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

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APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

CURRENT APPLICATION NUMBER: US/09/877,478

CURRENT FILING DATE: 2001-12-31

PRIOR APPLICATION NUMBER: US 07/082,712

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR FILING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: US 09/656,347

PRIOR FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR FILING DATE: 1995-05-04

PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR FILING DATE: 1999-11-08

SOFTWARE: PatentIn version 3.0

SEQ ID NOS: 6586

LENGTH: 17

TYPER: RNA

ORGANISM: Hepatitis B virus

US-09-877-478-2265

Query Match 0.9% Score 12.4; DB 1; Length 17;

Best Local Similarity 92.3% Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

974 TGGCTCCGCTGCT 987

16 TGGCTCCGCTGCT 3

RESULT 542

US-09-877-478-1282

Sequence 1282; Application US/09848754A

Publication No. US20030073201A1

GENERAL INFORMATION: Pharmaceuticals, Inc.

APPLICANT: Ribozyme pharmaceuticals, Inc.

APPLICANT: Draper, Kenneth

APPLICANT: Draper, Kenneth

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

APPLICANT: Moravcsik, Jim

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APPLICANT: Moravcsik, Jim

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FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2956
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-2956

Query Match
Best Local Similarity 85.7%; DB 1; Length 17;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

615 CTGACAGAGAGCCCC 628
DB 4 CAGCAGAGAGCCCC 17

RESULT 544
US-09-848-754A-2945
Sequence 2245; Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION: Pharmaceutical, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
TITLE OR INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2945
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-2945

Query Match
Best Local Similarity 78.6%; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

769 GTGCGACAGAGAGCCCC 782
DB 1 GAGCAGAGAGCCCC 14

RESULT 545
US-09-848-754A-2952
Sequence 2882; Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION: Pharmaceutical, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
TITLE OR INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2952
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-2952

Query Match
Best Local Similarity 78.6%; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

769 GTGCGACAGAGCCCC 782
DB 1 GAGCAGAGAGCCCC 14

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DB 4 CAGCAGAGAGCCCC 17

RESULT 546
US-09-848-754A-2956
Sequence 3585; Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION: Pharmaceutical, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
TITLE OR INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2956
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-2956

Query Match
Best Local Similarity 85.7%; DB 1; Length 17;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

615 CTGACAGAGAGCCCC 628
DB 1 CAGCAGAGAGCCCC 14

RESULT 547
US-09-848-754A-3584
Sequence 3584; Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION: Pharmaceutical, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
TITLE OR INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3584
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-3584

Query Match
Best Local Similarity 85.7%; DB 1; Length 17;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

615 CTGACAGAGAGCCCC 628
DB 3 CAGCAGAGAGCCCC 16

RESULT 548
US-09-848-754A-3585
Sequence 3585; Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION: Pharmaceutical, Inc.
APPLICANT: Rhozyme Pharmaceuticals, Inc.
TITLE OR INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MEMB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848/754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3585
LENGTH: 17
ORGANISM: Homo sapiens
US-09-848-754A-3585

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LENGTH: 17
 TYR81:RNA
 ORGANISM: Homo sapiens
 US-09-848-7554-3585

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

615 GCACGAGACCCCC 628
 DB 2 CACCCGAGACCCCC 15

RESULT 549

US-09-776-474-259/C
 Sequence 259, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 921

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-259

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 14 CACCCGAGACCCAC 1

RESULT 550

US-09-776-474-616/C
 Sequence 616, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 616

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-616

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 14 CACCCGAGACCCAC 1

RESULT 551

US-09-776-474-876/C
 Sequence 876, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 876

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-876

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 17 CACCCGAGACCCAC 4

TYR81:RNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 US-09-776-474-616

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 15 CACCCGAGACCCAC 2

RESULT 551

US-09-776-474-876/C
 Sequence 876, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 876

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-876

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 17 CACCCGAGACCCAC 4

RESULT 552

US-09-776-474-991
 Sequence 991, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 991

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-991

Query Match

Best Local Similarity 0.94; Score 12.4; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1581 GCACGAGACCCAC 1594
 DB 17 CACCCGAGACCCAC 4

RESULT 553

US-09-776-474-991
 Sequence 991, Application US/09776474

GENERAL INFORMATION: US/09776474
 ORGANISM: Homo sapiens
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Javys, Thale
 APPLICANT: Holman, Patricia
 APPLICANT: Pettey, Ali

APPLICANT: McGavigan, Jim
 APPLICANT: Berman, David
 APPLICANT: Pettey, Ali

FILE REFERENCE: MBH00-555-A, (400/008)
 TITLE OF INVENTION: RNA and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)

CURRENT APPLICATION NUMBER: US/09/776,474
 PRIORITY APPLICATION NUMBER: US 60/179,983

PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 2592

SEQUENCE: SEQ ID NOS: 2592
 SEQ ID NO 991

LENGTH: 17
 TYR81:RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-991


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/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: James McGovern
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of NNOX and NNOX Receptor
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ CURRENT APPLICATION NUMBER: US/09/827,395A
/ PRIOR APPLICATION NUMBER: 2001-04-05 533
/ PRIOR FILING DATE: 2001-04-05 533
/ PRIOR APPLICATION NUMBER: 60/781,797
/ PRIOR FILING DATE: 2000-02-11
/ NUMBER OF SEQ ID NOS: 2512
/ SEQ ID NO 47: Patent version 3.0
/ LENGTH: 17
/ TYPE: RNA
/ OTHER INFORMATION: oligonucleotide substrate
US-09-827,395A-971

Query Match
Best Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

Db 1317 TACGACGACGCGCC 1330
14 TACGACGACGCGCC 1

RESULT 558
US-09-740-332-213/C
Sequence 213; Application US/09/740332
Publication No. US20030125270A1
GENERAL INFORMATION: Pharmaceutical Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003 US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patent version 3.0
SEQ ID NO 1061
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-213

Query Match
Best Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

Db 892 TACGACGACGCGCC 995
14 TACGACGACGCGCC 1

RESULT 559
US-09-740-332-557/C
Sequence 557; Application US/09/740332
Publication No. US20030125270A1
GENERAL INFORMATION: Pharmaceutical Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003 US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patent version 3.0
SEQ ID NO 1061
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-557

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/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 1061
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURE: misc_feature
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-557

Query Match
Best Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

Db 1287 TACGACGACGCGCC 1300
17 TACGACGACGCGCC 4

RESULT 560
US-09-740-332-1061/C
Sequence 1061; Application US/09/740332
Publication No. US20030125270A1
GENERAL INFORMATION: Pharmaceutical Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003 US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patent version 3.0
SEQ ID NO 1061
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1061

Query Match
Best Local Similarity 92.9%; Pred. No. 3,86+02;
Matches 13; Conservative 1; Indels 0; Gaps 0;

Db 1345 ACTCTGACGACGCTT 1358
14 ACTCTGACGACGCTT 1

RESULT 561
US-09-740-332-2805
Sequence 2805; Application US/09/740332
Publication No. US20030125270A1
GENERAL INFORMATION: Pharmaceutical Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003 US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patent version 3.0
SEQ ID NO 2805
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2805

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US-09-740-332-2805

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 57.1%; Pred. No. 3.8e+02;

Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1092 CTCCTCCCTCCCTCC 1105

DB 1 CTCCTCCCTCCCTCC 14

RESULT 562

US-09-740-332-3998

Publication No. US020030152700A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740_332

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: Patent version 3.0

SEQ ID NO 3598

TYPER: RNA

ORGANISM: artificial sequence

FEATURES:

NAME/KEY: misc_feature

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3998

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 64.3%; Pred. No. 3.8e+02;

Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGACCTTCCTCCCTCC 1300

DB 2 UGACCCCTCCCTCCCTCC 15

RESULT 563

US-09-745-2374-30

Sequence 30; Application US/09745237A

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

FILE REFERENCE: 400/007 (MHB00-218-A)

CURRENT APPLICATION NUMBER: US/09/745_237A

NUMBER OF SEQ ID NOS: 4550

SOFTWARE: Patent version 3.0

SEQ ID NO 30

TYPER: RNA

ORGANISM: Homo sapiens

US-09-745-2374-30

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 3.8e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 478 CCGAAGCTCCCTCCCTCC 491

DB 1 CCGAAGCTCCCTCCCTCC 14

RESULT 564

US-09-792-818-242/c

Sequence 242; Application US/09792818

Publication No. US2003015406A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse

FILE REFERENCE: WMB00-901-A (400/013)

CURRENT APPLICATION NUMBER: US/09/792_818

NUMBER OF SEQ ID NOS: 2304

SOFTWARE: Patent version 3.0

SEQ ID NO 142

TYPER: RNA

ORGANISM: Homo sapiens

US-09-792-818-242

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 CTCCTCCCTCCCTCC 982

DB 1 CTCCTCCCTCCCTCC 1

RESULT 565

US-10-238-700-41

Sequence 41; Application US/10238700

Publication No. US2003015357A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (MHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238_700

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29, 471

SEQ ID NO 41

TYPER: RNA

ORGANISM: Homo sapiens

US-10-238-700-41

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 3.8e+02;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 320 CCGAAGCTCCCTCCCTCC 333

DB 4 CCGAAGCTCCCTCCCTCC 17

RESULT 566

US-10-238-700-741/c

Sequence 741; Application US/10238700

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (MHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238_700

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29, 471

SEQ ID NO 41

TYPER: RNA

ORGANISM: Homo sapiens

US-10-238-700-741/c

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 3.8e+02;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 320 CCGAAGCTCCCTCCCTCC 333

DB 4 CCGAAGCTCCCTCCCTCC 17

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/ CURRENT APPLICATION NUMBER: US/16/238,700
/ CURRENT PILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR PILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/118,471
/ PRIOR PILING DATE: 2001-01-30
/ NUMBER OF SEQ ID NOS: 4666,10
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 741
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-741

Query Match      0.94; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3-8e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

/ 113 TATCATACGCGCG 1151
/ GCCTGCTACCTGCTACT 3
/ DB

RESULT 567
US-10-061-201-798
/ Sequence 798; Application US/10061201
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
/ FILE REFERENCE: PDB178
/ CURRENT PILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/464,761
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR PILING DATE: 2001-10-10
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aemlica Sequence Listing Engine
/ SEQ ID NO 798
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-798

Query Match      0.94; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3-8e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

/ 173 TATCATACGCGCG 186
/ TATCATACGCGCG 17
/ DB

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/ Publication No. US2003016622A1
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
/ FILE REFERENCE: PDB178
/ CURRENT PILING DATE: US/10/061,201
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR PILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 09/664,761
/ PRIOR PILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aemlica Sequence Listing Engine
/ SEQ ID NO 799
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-799

Query Match      0.94; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3-8e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

/ 113 TATCATACGCGCG 186
/ GCCTGCTACCTGCTACT 3
/ DB

RESULT 569
US-10-061-201-800
/ Sequence 800; Application US/10061201
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
/ FILE REFERENCE: PDB178
/ CURRENT PILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR PILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/664,761
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR APPLICATION NUMBER: US 60/328,205

```

PRIOR FILING DATE: 2001-10-10
 PRIOR FILING NUMBER: US/01/0663
 SOFTWARE: Aecolca Sequence Latching Engine
 SEQ ID NO 600
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-061-201-800

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.6e-02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAACGCGC 186
 DB 2 TCATCAACGCGC 15

RESULT 570
 US-10-061-201-801
 Sequence 801, Application US/10061201
 GENERAL INFORMATION

APPLICANT: Shannon, Mark
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2002-01-10
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23/60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4182
 SOFTWARE: Aecolca Sequence Latching Engine
 SEQ ID NO 593
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-061-201-801

TYPER: DDA Homo sapiens

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.6e-02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAACGCGC 186
 DB 1 TCATCAACGCGC 14

RESULT 571
 US-10-061-201-1594/c
 Sequence 1594, Application US/10061201
 Publication No. US20030166228A1
 GENERAL INFORMATION: Mark
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 FILE REFERENCE: P80178

CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-10
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23/60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 1593
 SOFTWARE: Aecolca Sequence Latching Engine
 SEQ ID NO 1593
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-061-201-1593

Query Match
 Best Local Similarity 92.9%; Pred. No. 3.6e-02; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 CCGGAGCGCTGGAA 1051
 DB 17 CCGGAGCGCTGGAA 4

RESULT 572
 US-10-061-201-1594/c
 Sequence 1594, Application US/10061201
 Publication No. US20030166228A1
 GENERAL INFORMATION: Mark

APPLICANT: Shannon, Mark
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23/60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4182
 SOFTWARE: Aecolca Sequence Latching Engine
 SEQ ID NO 1594
 LENGTH: 17

TYR5: DNA
 / ORGANISM: Homo sapiens
 US-10-061-201-1594

Query Match Similarity 92.9%; Pred. No. 3,6e+02; Length 17;
 Matches 13/ Conservative 1/ Mismatches 1/ Indels 0/ Gaps 0/

1038 CCGGAGCTCGGAA 1051

DB 16 CCGGAGCTCGGAA 3

RESULT 573

US-10-061-201-1594/
 / Sequence 1595, Application US/10061201
 / Publication No. US200301662261

GENERAL INFORMATION: Mark

TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

NUMBER OF SEQ ID NOS: 4162-40

SOFTWARE: Nucleic Sequence Labeling Engine

SEQ ID NO 1595

TYR5: DNA

ORGANISM: Homo sapiens

US-10-061-201-1595

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Beat Local Similarity 92.9%; Pred. No. 3,6e+02;
 Matches 13/ Conservative 1/ Mismatches 1/ Indels 0/ Gaps 0/

1038 CCGGAGCTCGGAA 1051

DB 15 CCGGAGCTCGGAA 2

RESULT 574

US-10-061-201-1596/
 / Publication No. US/10061201
 / Publication No. US200301662261

GENERAL INFORMATION: Mark

TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-01-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Nucleic Sequence Labeling Engine

SEQ ID NO 1596

TYR5: DNA

ORGANISM: Homo sapiens

US-10-061-201-1596

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Beat Local Similarity 92.9%; Pred. No. 3,6e+02;
 Matches 13/ Conservative 1/ Mismatches 1/ Indels 0/ Gaps 0/

1038 CCGGAGCTCGGAA 1051

DB 14 CCGGAGCTCGGAA 1

RESULT 575

US-10-339-782-40/
 / Sequence 40, Application US/10339782
 / Publication No. US200301660261

GENERAL INFORMATION: Mark

TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/339,782

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2003-01-08

NUMBER OF SEQ ID NOS: 495

SOFTWARE: Nucleic Sequence Labeling Engine

SEQ ID NO 40

TYR5: DNA

ORGANISM: Homo sapiens

US-10-339-782-40

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Beat Local Similarity 92.9%; Pred. No. 3,6e+02;
 Matches 13/ Conservative 1/ Mismatches 1/ Indels 0/ Gaps 0/

862 TTTGATGCTGCTGA 875

DB 16 TTTGATGCTGCTGA 3

RESULT 576

US-10-339-782-71
 / Sequence 71, Application US/10339782
 / Publication No. US200301660261

GENERAL INFORMATION: Mark

TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/339,782

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

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CURRENT APPLICATION NUMBER: US/10/339,762
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 495
SOFTWARE: PatentIn version 3.1
SEQ ID NO 71
LOCATIONS: 17
TYRES: DNA
US-10-339-762-71
ORGANISM: Homo sapiens

Query Match
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

870 TCCGAGCTCCGCC 883
3 TCCGAGCTCCGCC 16

RESULT 577
US-10-339-762-412/C
Publication No. US20030166026A1
GENERAL INFORMATION:
APPLICANT: Lyx Therapeutics, Inc.
INVENTOR: Lyx Therapeutics, Inc.
APPLICANT: Bowen Benjamin A
TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
FILE REFERENCE: 37-000110US US/10/339,762
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 495
SOFTWARE: PatentIn version 3.1
SEQ ID NO 412
LOCATIONS: 17
TYRES: DNA
ORGANISM: Homo sapiens
US-10-339-762-412

Query Match
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

749 AATCTCCGAGCTCC 762
14 AATCTCCGAGCTCC 1

RESULT 578
US-09-817-879-213/C
Publication No. US2003013111A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
INVENTOR: Ribozyme Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEM00-801-P
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 213
LOCATIONS: 17
TYRES: RNA
ORGANISM: artificial sequence
PEPATRE: misc_feature
LOCATION: 17
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-213

Query Match
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

892 TAAAGCCCGAGCTCC 905
14 TAAAGCCCGAGCTCC 1

RESULT 579
US-09-817-879-557/C
Publication No. US2003017211A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
INVENTOR: Ribozyme Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEM00-801-P
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 557
LOCATIONS: 17
TYRES: RNA
ORGANISM: artificial sequence
PEPATRE: misc_feature
LOCATION: 17
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-557

Query Match
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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1287 TAAAGCCCGAGCTCC 1300
17 TAAAGCCCGAGCTCC 4

RESULT 580
US-09-817-879-1061/C
Sequence 1061, Application US/09817879
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
INVENTOR: Ribozyme Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEM00-801-P
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1061
LOCATIONS: 17
TYRES: RNA
ORGANISM: artificial sequence
PEPATRE: misc_feature
LOCATION: 17
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1061

Query Match
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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1345 AATCTCCGAGCTCC 1358
14 AATCTCCGAGCTCC 1

RESULT 581
US-09-817-879-2805

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/ Sequence 2805, Application US/09817679
/ Publication No. US2003017111A1
/ PATENT INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ ORGANISM: Human
/ CURRENT FILING DATE: US/09/817, 879
/ CURRENT APPLICATION NUMBER: US/09/817, 879
/ NUMBER OF SEQ ID NOS: 3-0
/ SOFTWARE: Presentin version 3.0
/ PRIOR FILING DATE: 2001-03-26
/ SEQ ID NO 2805
/ LENGTH: 17
/ TYPE: RNA artificial sequence
/ FEATURES:
/ NAME/KEY: msec_feature
/ LOCATION: INFORMATION: oligonucleotide substrate
US-09-817-879-2805

```

```

Query Match
/ Sequence Similarity: 5.34; DB 1; Length 17;
/ Sequence 8; Conservative: 1; Mismatches 0; Gaps 0;

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Db
/ 1092 TCTTCCTCCCTC 1105
/ 1 UUUUUUUUUUUUUUUU 14

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RESULT 582
US-09-817-879-3998
/ Sequence 3998, Application US/09817679
/ Publication No. US2003017111A1
/ PATENT INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ ORGANISM: Human
/ CURRENT FILING DATE: US/09/817, 879
/ CURRENT APPLICATION NUMBER: US/09/817, 879
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: Presentin version 3.0
/ PRIOR FILING DATE: 2001-03-26
/ SEQ ID NO 3998
/ LENGTH: 17
/ TYPE: RNA artificial sequence
/ FEATURES:
/ NAME/KEY: msec_feature
/ LOCATION: INFORMATION: oligonucleotide substrate
US-09-817-879-3998

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Query Match
/ Sequence Similarity: 6.34; DB 1; Length 17;
/ Sequence 9; Conservative: 1; Mismatches 0; Gaps 0;

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Db
/ 1249 TATCTCTCTCTCTC 1300
/ 2 UUUUUUUUUUUUUUUU 15

```

```

RESULT 583
US-10-230-006-767
/ Sequence 767, Application US/10230006
/ Publication No. US2003019077A1
/ PATENT INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ ORGANISM: Human
/ CURRENT FILING DATE: US/10/230, 006
/ CURRENT APPLICATION NUMBER: US/10/230, 006
/ NUMBER OF SEQ ID NOS: 2678
/ SOFTWARE: Presentin version 3.0
/ PRIOR FILING DATE: 2001-03-26
/ SEQ ID NO 767
/ LENGTH: 17
/ TYPE: RNA artificial sequence
/ FEATURES:
/ NAME/KEY: msec_feature
/ LOCATION: INFORMATION: oligonucleotide substrate
US-10-230-006-767

```

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/ CURRENT FILING DATE: 2002-11-18
/ PRIOR FILING DATE: US/02/0315, 315
/ PRIOR FILING DATE: 2003-09-28
/ NUMBER OF SEQ ID NOS: 2678
/ SOFTWARE: Presentin version 3.0
/ SEQ ID NO 767
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-230-006-767
Query Match
/ Sequence Similarity: 6.34; DB 1; Length 17;
/ Sequence 9; Conservative: 1; Mismatches 0; Gaps 0;

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Db
/ 1428 CCGTCGCGCGCTCG 1441
/ 4 CCGTCGCGCGCTCG 17

```

```

RESULT 584
US-10-230-006-768
/ Sequence 768, Application US/10230006
/ Publication No. US2003019077A1
/ PATENT INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ ORGANISM: Human
/ CURRENT FILING DATE: US/10/230, 006
/ CURRENT APPLICATION NUMBER: US/10/230, 006
/ NUMBER OF SEQ ID NOS: 2678
/ SOFTWARE: Presentin version 3.0
/ PRIOR FILING DATE: 2001-03-26
/ SEQ ID NO 768
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-230-006-768

```

```

Query Match
/ Sequence Similarity: 6.34; DB 1; Length 17;
/ Sequence 9; Conservative: 1; Mismatches 0; Gaps 0;

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```

Db
/ 1428 CCGTCGCGCGCTCG 1441
/ 1 CCGTCGCGCGCTCG 14

```

```

RESULT 585
US-10-230-006-1392/c
/ Sequence 1392, Application US/10230006
/ Publication No. US2003019077A1
/ PATENT INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV Infection
/ ORGANISM: Human
/ CURRENT FILING DATE: US/10/230, 006
/ CURRENT APPLICATION NUMBER: US/10/230, 006
/ NUMBER OF SEQ ID NOS: 2678
/ SOFTWARE: Presentin version 3.0
/ PRIOR FILING DATE: 2001-03-26
/ SEQ ID NO 1392
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-230-006-1392

```

Query Match 0.9% Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 326 TCCGCGACCTCCG 339
 DB 17 TCCGCGACCTCCG 4

RESULT 586
 US-10-060-7564-466
 / Sequence 1404; Application US/10203006
 / Publication No. US20030190791
 / TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 / APPLICANT: Rhodyne Pharmaceuticals, Inc.
 / APPLICANT: Foshagh, Kelly
 / FILER REFERENCE: PRO17
 / CURRENT FILING DATE: 2002-01-30
 / PRIOR APPLICATION NUMBER: US/10/060,7564
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 2678
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 104
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-060-7564-104

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 3.8e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
 QY 1448 CCGCCGCGCGCG 1441
 DB 3 CCGCCGCGCGCG 16

RESULT 587
 US-10-060-7564-466
 / Sequence 1588; Application US/100607564
 / Publication No. US20030067171
 / GENERAL INFORMATION:
 / APPLICANT: Zhang, Jian
 / TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 / FILER REFERENCE: PRO17
 / CURRENT FILING DATE: 2002-01-30
 / PRIOR APPLICATION NUMBER: US/10/060,7564
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 100667
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 104
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-060-7564-104

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 481 AACATCCGCGCTT 494
 DB 2 AACATCCGCGCTT 15

RESULT 589
 US-10-060-7564-1599
 / Sequence 1588; Application US/100607564
 / Publication No. US20030067171
 / GENERAL INFORMATION:
 / APPLICANT: Zhang, Jian
 / TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 / FILER REFERENCE: PRO17
 / CURRENT FILING DATE: 2002-01-30
 / PRIOR APPLICATION NUMBER: US/10/060,7564
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 100665
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 104
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-060-7564-1598

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 414 GTCGCCGCGCTTC 427
 DB 4 GTCGCCGCGCTTC 17

RESULT 588
 US-10-060-7564-1598
 / Sequence 1588; Application US/100607564
 / Publication No. US20030067171
 / GENERAL INFORMATION:
 / APPLICANT: Zhang, Jian
 / TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 / FILER REFERENCE: PRO17
 / CURRENT FILING DATE: 2002-01-30
 / PRIOR APPLICATION NUMBER: US/10/060,7564
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 100664
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 104
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-060-7564-1598

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 481 AACATCCGCGCTT 494
 DB 2 AACATCCGCGCTT 15

RESULT 589
 US-10-060-7564-1599
 / Sequence 1588; Application US/100607564
 / Publication No. US20030067171
 / GENERAL INFORMATION:
 / APPLICANT: Zhang, Jian
 / TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 / FILER REFERENCE: PRO17
 / CURRENT FILING DATE: 2002-01-30
 / PRIOR APPLICATION NUMBER: US/10/060,7564
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 100665
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 104
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-060-7564-1598

SEQ ID NO 395
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-385

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 DB 1 TCCATTCACCAACCA 1019
 1 TCCATTCACCAACCA 17

RESULT 601

US-09-866-108-386
 SEQ ID NO 386
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-386
 GENERAL INFORMATION:
 APPLICANT: GUY, Yizhong
 APPLICANT: BENN, Sharon G.
 APPLICANT: HANZEL, David R.
 APPLICANT: BANK, David R.
 APPLICANT: SHANNON, Mark
 TITLE OR INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLES
 FILE REFERENCE: AEWICW-7
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-25
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 386
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-386

Query Match 0.94; Score 12.2; DB 3; Length 17;
 Best Local Similarity 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

DB 1004 CATTTCACCAACCA 1020
 1 CATTTCACCAACCA 17

RESULT 602

US-09-866-108-528/c
 SEQ ID NO 528
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-528/c
 GENERAL INFORMATION:
 APPLICANT: GUY, Yizhong
 APPLICANT: BENN, Sharon G.
 APPLICANT: HANZEL, David R.
 APPLICANT: BANK, David R.
 APPLICANT: SHANNON, Mark
 TITLE OR INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEWICW-7
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2000-09-25
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-25
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 528
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-528

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 DB 1439 TCCATTCACCAACCA 1455
 1 TCCATTCACCAACCA 17

RESULT 603
 US-09-866-108-786/c
 SEQ ID NO 786
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-786/c
 GENERAL INFORMATION:
 APPLICANT: GUY, Yizhong
 APPLICANT: BENN, Sharon G.
 APPLICANT: HANZEL, David R.
 APPLICANT: BANK, David R.
 APPLICANT: SHANNON, Mark
 TITLE OR INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEWICW-7
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2000-09-25
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-25
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 786
 TYPER: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-786


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/ Sequence 5893, Application US/09866108
/ Patent No. US2002018800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: SHEN, Wenhong
/ APPLICANT: BANK, David R.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: SHEN, Wenhong
/ TITLE OF INVENTION: MYO3IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeonica Sequence Listing Engine
/ SEQ ID NO: 6458
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6458
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.44; Pred. No. 4,1a+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 17 CACCGGATCCAGCGGCGG 742
CAGCGGATCCAGCGGCGG 1

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/ TITLE OF INVENTION: MYO3IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/235,359
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ SOFTWARE: Aeonica Sequence Listing Engine
/ SEQ ID NO: 6458
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6458
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.44; Pred. No. 1a+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 17 ACCCGGATCCAGCGGCGG 1279
ACCGGATCCAGCGGCGG 1

```

```

RESULT 611
US-09-866-108-6458/c
/ Sequence 6458, Application US/09866108
/ Patent No. US2002018800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: SHEN, Wenhong
/ APPLICANT: BANK, David R.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: SHEN, Wenhong
/ APPLICANT: SHANNON, Mark

```

```

RESULT 612
US-09-866-108-6459/c
/ Sequence 6459, Application US/09866108
/ Patent No. US2002018800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: SHEN, Wenhong
/ APPLICANT: BANK, David R.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: SHEN, Wenhong
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYO3IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-25
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2000-09-27

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PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 6516
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-866-108-6516
 Query Match
 Best Local Similarity: 82.4%; Pctd No. 4,1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;
 OR 500 GCGGCGGCGGCGGCGGCGG 516
 DB 17 GCGGCGGCGGCGGCGGCGG 1
 RESULT 615
 US-09-866-108-6517/c
 Sequence 6517: Application US/09866108
 Patent No. US02002048800A1
 APPLICANT: GU, Yizhong
 APPLICANT: PENN, Sharon G.
 APPLICANT: HANZHI, David R.
 APPLICANT: BANK, David R.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wenhang
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYO3IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AROMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 PRIOR FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US/06/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24243,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US/06/234,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 6517
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-866-108-6517

US-09-866-108-6517
 Query Match
 Best Local Similarity: 82.4%; Pctd No. 4,1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;
 OR 499 GCGGCGGCGGCGGCGGCGG 515
 DB 17 GCGGCGGCGGCGGCGGCGG 1
 RESULT 616
 US-09-866-108-6507
 Sequence 6507: Application US/09866108
 Patent No. US02002048800A1
 APPLICANT: GU, Yizhong
 APPLICANT: PENN, Sharon G.
 APPLICANT: HANZHI, David R.
 APPLICANT: BANK, David R.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wenhang
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYO3IN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AROMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 PRIOR FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US/06/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24243,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US/06/234,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 6507
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-866-108-6507
 Query Match
 Best Local Similarity: 82.4%; Pctd No. 4,1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;
 OR 888 GTTTCACGCGGCGGCGGCGG 904
 DB 1 GTTTCACGCGGCGGCGGCGG 17


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1 PRIOR FILING DATE: 2000-10-04
1 PRIOR APPLICATION NUMBER: US 60/235,359
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00662
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00661
1 PRIOR APPLICATION NUMBER: PCT/US01/00660
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: US 60/234,687
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: US 60/266,860
1 PRIOR FILING DATE: 2001-02-05
1 NUMBER OF SEQ ID NOS: 15752
1 SOFTWARE: Aecolca Sequence Listing Engine
1 LENGTH: 17
1 ORGANISM: Homo sapiens
1 TYPER: DNA
1 US-09-866-108-7993

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Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Mismatches 0; Gaps 0;
DB 1 1328 GGGCGGCGGCGGGGAG 1344
1 GGGCGGCGGCGGGGAG 17

```

```

RESULT 620
1 Sequence 7798, Application US/09866108
1 Patent No. US20020488001
1 GENERAL INFORMATION:
1 APPLICANT: GU, Yizhong
1 APPLICANT: PAN, Sharon G.
1 APPLICANT: HANZEI, David K.
1 APPLICANT: CHEN, Wenhang
1 APPLICANT: SHANNON, Mark
1 TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
1 CURRENT FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US/09/866,108
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: US 60/207,456
1 PRIOR FILING DATE: 2000-10-04
1 PRIOR APPLICATION NUMBER: US 60/235,359
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00662
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00661

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1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00660
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: US 60/266,860
1 PRIOR FILING DATE: 2001-02-05
1 SOFTWARE: Aecolca Sequence Listing Engine
1 SEQ ID NO 7798
1 LENGTH: 17
1 ORGANISM: Homo sapiens
1 US-09-866-108-7798

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Query Match 0.94; Score 12.2; DB 3; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Mismatches 0; Gaps 0;
DB 1 1365 TGGGCTGCTGCTGAGC 1381
1 TGGGCTGCTGCTGAGC 17

```

```

RESULT 621
1 Sequence 7974, Application US/09866108
1 Patent No. US20020488001
1 GENERAL INFORMATION:
1 APPLICANT: GU, Yizhong
1 APPLICANT: PAN, Sharon G.
1 APPLICANT: HANZEI, David K.
1 APPLICANT: CHEN, Wenhang
1 APPLICANT: SHANNON, Mark
1 TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
1 CURRENT FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US/09/866,108
1 PRIOR FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US 60/207,456
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: US 60/235,359
1 PRIOR FILING DATE: 2000-09-27
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00662
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00661

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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-01-30
/ PRIOR APPLICATION NUMBER: GB 24243,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
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/ PRIOR FILING DATE: 2001-01-30
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,697
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/265,860
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR FILING DATE: 2001-02-05
/ SOFTWARE: Acemidic Sequence Latching Engine
/ SEQ ID NO 9173
/ LENGTH: 17
/ ORGANISM: Homo sapiens
/ DB 1 GATTCGTCGACGAGG 141
/ 1 GATTCGTCGACGAGG 17

Query March 0.9% Score 12.2; DB 1; Length 17;
Beet Local Similarity 82.4%; Pctd. No. 4.1e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1125 GATTCGTCGACGAGG 141
Db 1 GATTCGTCGACGAGG 17

RESULT 627
US-09-866-108-9210/c
Sequence 9210; Application US/09866108
US Patent No. US2002048800A1
GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wanhong
/ TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACMIICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24243,6
/ PRIOR FILING DATE: 2000-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30

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/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,697
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/265,860
/ PRIOR FILING DATE: 2001-02-05
/ SOFTWARE: Acemidic Sequence Latching Engine
/ SEQ ID NOS: 15753
/ LENGTH: 17
/ ORGANISM: Homo sapiens
/ DB 17 GATTCGTCGACGAGG 1
/ 17 GATTCGTCGACGAGG 1

Query March 0.9% Score 12.2; DB 1; Length 17;
Beet Local Similarity 82.4%; Pctd. No. 4.1e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

501 GATTCGTCGACGAGG 17
Db 17 GATTCGTCGACGAGG 1

RESULT 628
US-09-866-108-9210/c
Sequence 9210; Application US/09866108
US Patent No. US2002048800A1
GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wanhong
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACMIICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24243,6
/ PRIOR FILING DATE: 2000-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30

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PRIOR FILING DATE: 2000-01-13
 NUMBER OF SEQ ID NOS: 96
 SOFTWARE: PatSeq for Windows Version 4.0
 SEQ ID NO 22
 LENGTH: 17
 ORGANISM: Aspergillus oryzae
 US-09-760-139-22

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity: 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

974 TCGCCCGCAACCTG 950
 Db 17 TCGCCCGCAACCTG 1

RESULT 634
 US-09-872-462-50
 Sequence 48: Application US/09872462
 GENERAL INFORMATION:
 APPLICANT: Gai, Yihong
 APPLICANT: Corrigent, Amy
 TITLE REFERENCE: AECNICH-9
 CURRENT APPLICATION NUMBER: US/09/872,462
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 NUMBER OF SEQ ID NOS: 473
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 48
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-872-462-48
 TYPE: DNA
 ORGANISM: Homo sapiens
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity: 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1211 CCAATACCTCTTGA 1227
 Db 1 CCAATACCTCTTGA 17

RESULT 635
 US-09-872-462-50
 Sequence 49: Application US/09872462
 GENERAL INFORMATION:
 APPLICANT: Gai, Yihong
 APPLICANT: Corrigent, Amy
 TITLE REFERENCE: AECNICH-9
 CURRENT APPLICATION NUMBER: US/09/872,462
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 NUMBER OF SEQ ID NOS: 473
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 49
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-872-462-49
 TYPE: DNA
 ORGANISM: Homo sapiens
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity: 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

APPLICANT: Gai, Yihong
 APPLICANT: Corrigent, Amy
 TITLE OF INVENTION: HUMAN NBD01
 FILE REFERENCE: AECNICH-9
 CURRENT APPLICATION NUMBER: US/09/872,462
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
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 PRIOR FILING DATE: 2001-01-30
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 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 NUMBER OF SEQ ID NOS: 473
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 50
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-872-462-50
 TYPE: DNA
 ORGANISM: Homo sapiens
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity: 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1213 ATGACCTCTTGA 1229
 Db 1 ATGACCTCTTGA 17

RESULT 636
 US-09-872-462-51
 Sequence 50: Application US/09872462
 GENERAL INFORMATION:
 APPLICANT: Gai, Yihong
 APPLICANT: Corrigent, Amy
 TITLE OF INVENTION: HUMAN NBD01
 FILE REFERENCE: AECNICH-9
 CURRENT APPLICATION NUMBER: US/09/872,462
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 NUMBER OF SEQ ID NOS: 473
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 51
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-09-872-462-51
 TYPE: DNA
 ORGANISM: Homo sapiens
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity: 82.4%; Pct. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


```

/ APPLICANT: MCS40gen, Jtm
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TYPE: RNA
/ FILE REFERENCE: 400/022 (NEH000-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-642
Query Match 0.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 17 CCTCTGAGCGCGGAGG 1

RESULT 641
US-09-864-785-1567
/ Sequence 1567, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: MCS40gen, Jtm
/ TITLE OF INVENTION: Levels of NF-kappa B
/ TITLE OF INVENTION: Levels of NF-kappa B
/ FILE REFERENCE: 400/022 (NEH000-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 167
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1567
Query Match 0.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 76.4%; Pred. No. 1.6e+03;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
DB 1023 AGCTTCTGCTCCCTCC 1039

RESULT 642
US-09-864-785-1589/c
/ Sequence 1589, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: MCS40gen, Jtm
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-kappa B
/ FILE REFERENCE: 400/022 (NEH000-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 167
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

```

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/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1589
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ PATENT:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1589
Query Match 0.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 1229 AATCCACGCTGCGCTC 1245

RESULT 643
US-09-864-785-1617
/ Sequence 1617, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: MCS40gen, Jtm
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-kappa B
/ FILE REFERENCE: 400/022 (NEH000-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1617
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1617
Query Match 0.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 896 GCGCCAGAGCTCTCCCA 912

RESULT 644
US-09-864-785-1627
/ Sequence 1627, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: MCS40gen, Jtm
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-kappa B
/ FILE REFERENCE: 400/022 (NEH000-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1627
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

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US-09-864-785-2863

Query Match 0.94; Score 12.2; DB 1; Length 17;

Best Local Similarity 64.7%; Pred. No. 4.1e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

CY 1553 TACACCTCCTCCCAAG 1559

DB 1 UCGAGGACCCCAAG 17

RESULT 645

US-09-864-785-2863

Publication No. US0200177568A

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Baiselmann, Dan

APPLICANT: MCGS49gen, Jim

APPLICANT: Karpelashv, Alex

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

PRIOR FILING DATE: 1997-11-05

Nucleotide sequence of the

SOFTWARE: PatentIn version 3.0

SEQ ID NO 393

LENGTH: 17

ORGANISM: Homo sapiens

US-09-825-805-393

Query Match 0.94; Score 12.2; DB 1;

Best Local Similarity 62.44; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1063 AGCCCTCCTCCCTCCG 1079

DB 17 AGCCCTCCTCCCTCCG 1

RESULT 647

US-09-825-805-490

Publication No. US02003006412A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

PRIOR FILING DATE: 1997-11-05

Nucleotide sequence of the

SOFTWARE: PatentIn version 3.0

SEQ ID NO 393

LENGTH: 17

ORGANISM: Homo sapiens

US-09-825-805-393

Query Match 0.94; Score 12.2; DB 1;

Best Local Similarity 62.44; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1063 AGCCCTCCTCCCTCCG 1079

DB 17 AGCCCTCCTCCCTCCG 1

RESULT 647

US-09-825-805-490

Publication No. US02003006412A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

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APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

APPLICANT: Baiselmann, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Adamic, Jasenka Metulic

APPLICANT: Sweetley, Dave

APPLICANT: Zimen, Shaan

QY 1032 CCCGTCCTGGAGCTTC 1048
DB 1 CCGTACCTGGAGATTC 17

RESULT 655

US-09-818-875-936/6
/ Sequence 1147, Application US/09818875
/ GENERAL INFORMATION:
/ Publication No. US20030051270A1
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napco-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napco4
/ SEQ ID NO 1147
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-936
Query Match 0.9%, Score 12.2, DB 1, Length 17,
Best Local Similarity 82.4%, Pred. No. 4,1e+02;
Matches 14, Conservative 0, Mismatches 3, Indels 0, Gaps 0,
QY 1032 CCCGTCCTGGAGCTTC 1048
DB 17 CCGTACCTGGAGATTC 17

RESULT 656

US-09-818-875-1147/C
/ Sequence 1147, Application US/09818875
/ GENERAL INFORMATION:
/ Publication No. US20030051270A1
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napco-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napco4
/ SEQ ID NO 1147
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-1147

Query Match 0.9%, Score 12.2, DB 1, Length 17,
Best Local Similarity 82.4%, Pred. No. 4,1e+02;
Matches 14, Conservative 0, Mismatches 3, Indels 0, Gaps 0,
QY 245 TCCGATCCCTGCTTAT 261
DB 17 TCCATCCCTGCTTCT 17

RESULT 657

US-09-818-875-1148
/ Sequence 1148, Application US/09818875
/ GENERAL INFORMATION:
/ Publication No. US20030051270A1
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napco-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napco4
/ SEQ ID NO 1148
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-1148
Query Match 0.9%, Score 12.2, DB 1, Length 17,
Best Local Similarity 82.4%, Pred. No. 4,1e+02;
Matches 14, Conservative 0, Mismatches 3, Indels 0, Gaps 0,
QY 245 TCCGATCCCTGCTTAT 261
DB 17 TCCATCCCTGCTTCT 17

RESULT 658

US-09-818-875-4082
/ Sequence 4082, Application US/09818875
/ GENERAL INFORMATION:
/ Publication No. US20030051270A1
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Kmeic, Eric B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napco-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/132,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napco4
/ SEQ ID NO 4082
/ LENGTH: 17
/ TYPE: DNA

FILE REFERENCE: MBH800.878-A (400/011)
 CURRENT APPLICATION NUMBER: US/09/780.533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2000-02-11
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6779
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1134
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1120

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 608 TCNATGCGCTGCAATG 621
 17 TCCTGCTGCTGCTGCAATG 1

RESULT 668
 US-09-780-533A-1134/C
 Publication No. US2003006061A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: Chowers, Bharat
 TITLE OF INVENTION: Method and Reagent for the Inhibition of MOO Gene
 CURRENT APPLICATION NUMBER: US/09/780.533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6779
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1134
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1134

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1040 TCGATGCTGCAATG 1056
 17 TCGATGCTGCTGCAATG 1

RESULT 669
 US-09-780-533A-1135/C
 Publication No. US2003006061A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: Chowers, Bharat
 TITLE OF INVENTION: Method and Reagent for the Inhibition of MOO Gene
 CURRENT APPLICATION NUMBER: US/09/780.533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6779
 SOFTWARE: PatentIn version 3.0

SEQ ID NO 1135
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1135

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1039 CTGAGTCTGCAATG 1055
 17 CTGAGTCTGCTGCAATG 1

RESULT 670
 US-09-780-533A-1137
 Publication No. US2003006061A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: Chowers, Bharat
 TITLE OF INVENTION: Method and Reagent for the Inhibition of MOO Gene
 CURRENT APPLICATION NUMBER: US/09/780.533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6779
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1137
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1137

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.6%; Pred. No. 1.4e+02;
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

DB 515 AATATGACCTGATGAC 531
 1 AATATGCTGCTGCAATG 17

RESULT 671
 US-09-780-533A-1149
 Publication No. US2003006061A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: Chowers, Bharat
 TITLE OF INVENTION: Method and Reagent for the Inhibition of MOO Gene
 CURRENT APPLICATION NUMBER: US/09/780.533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6779
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1149
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1149

Query Match 0.94; Score 12.2; DB 1; Length 17;

PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 PRIOR FILING DATE: 1999-11-08
 PRIOR APPLICATION NUMBER: US 09/434,504
 SOFTWARE: Patent version 3.0
 SEQ ID NO 307
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-307

Query Match
 Best Local Similarity: 64.7%
 Matches: 11/ Conservative: 3/ Mismatches: 3/ Indels: 0/ Gaps: 0/

QY 906 CCGCAGCTTCACGACG 922
 Db 1 CCGCAGCTTCACGACG 17

RESULT 675
 Sequence 822, Application US/09877478
 Publication No. US20030068301A1
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blate, Larry
 APPLICANT: Draper, Kenneth
 APPLICANT: Morrissy, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MEM00-845-H (400/029)
 CURRENT FILING DATE: 2001-12-31
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/536,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/566,347
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 SOFTWARE: Patent version 3.0
 SEQ ID NO 822
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-822

Query Match
 Best Local Similarity: 82.4%
 Matches: 14/ Conservative: 0/ Mismatches: 3/ Indels: 0/ Gaps: 0/

QY 1270 GGAACAACGCGCAACAT 1286
 Db 17 GGAACAACGCGCAACAT 1

RESULT 677
 US-09-877-478-1052
 Publication No. US20030068301A1

GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blate, Larry
 APPLICANT: Draper, Kenneth
 APPLICANT: Morrissy, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MEM00-845-H (400/029)
 CURRENT FILING DATE: 2001-12-31
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/536,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/566,347
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 SOFTWARE: Patent version 3.0
 SEQ ID NO 1052
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-1052

Query Match
 Best Local Similarity: 64.7%
 Matches: 11/ Conservative: 3/ Mismatches: 3/ Indels: 0/ Gaps: 0/

QY 884 TCGAGCTTCACGACG 900
 Db 1 TCGAGCTTCACGACG 17

RESULT 678
 Sequence 1685, Application US/09877478
 Publication No. US20030068301A1
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blate, Larry
 APPLICANT: Draper, Kenneth
 APPLICANT: Morrissy, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MEM00-845-H (400/029)
 CURRENT FILING DATE: 2001-12-31
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/536,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/566,347
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 SOFTWARE: Patent version 3.0
 SEQ ID NO 1685
 LENGTH: 17
 ORGANISM: Hepatitis B virus
 US-09-877-478-1685

NUMBER OF SEQ ID NOS: 6586
 SOURCE: PATENTIN version 3.0
 LENGTH: 1795
 TYPE: RNA
 ORGANISM: Hepatitis B virus
 US-09-877-478-1683

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 775 AATGGGAACGCGCTGAA 791
 DB 17 AATGGGAACGCGCTGAA 1

RESULT 679
 US-09-877-478-2097 Application US/09877478
 Publication No. US20030106830A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Rader, Kenneth
 APPLICANT: Rader, Kenneth
 APPLICANT: Moskysan, Jim
 APPLICANT: Morrissey, Dave
 APPLICANT: Rader, Kenneth
 TITLE REFERENCE: Methods and Reagent for Inhibiting Hepatitis B Virus Replication

CURRENT FILING DATE: 2001-12-31/682,712
 PRIOR APPLICATION NUMBER: US 09/877,478
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/536,385
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/193,627
 PRIOR FILING DATE: 1994-02-06/433,993
 PRIOR FILING DATE: 1995-05-04/434,504
 PRIOR APPLICATION NUMBER: US 08/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOURCE: PATENTIN version 3.0
 LENGTH: 1795
 TYPE: RNA
 ORGANISM: Hepatitis B virus
 US-09-877-478-2097

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.1%; Pred. No. 4.1e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 QY 1199 TCAAGCGAGATCCGACG 1215
 DB 1 TCCAGCGAATCCGACG 17

RESULT 680
 US-09-877-478-2197/c Application US/09877478
 Publication No. US20030106830A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Rader, Kenneth
 APPLICANT: Rader, Kenneth
 APPLICANT: Moskysan, Jim

APPLICANT: Morrissey, Dave
 APPLICANT: Rader, Kenneth
 TITLE REFERENCE: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 CURRENT FILING DATE: 2001-12-31/682,712
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/536,385
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/193,627
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOURCE: PATENTIN version 3.0
 LENGTH: 1795
 TYPE: RNA
 ORGANISM: Hepatitis B virus
 US-09-877-478-2197

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 708 CTCGACTTTCGCTCT 724
 DB 17 CTCGACTTTCGCTCT 1

RESULT 681
 US-09-848-754A-171/c Application US/09848754A
 Publication No. US20030720761A1
 GENERAL INFORMATION:
 APPLICANT: Pharmacia Corporation
 APPLICANT: Rader, Kenneth
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Receptors or Conditions Relat
 TITLE REFERENCE: Levels of Epidermal Growth Factor Receptors
 CURRENT FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/848,754A
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 9645
 SOURCE: PATENTIN version 3.0
 LENGTH: 1795
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-171

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1529 TTAGGCTTATTCGAA 1545
 DB 17 TTAGGCTTATTCGAA 1

RESULT 682
 US-09-848-754A-330/c Application US/09848754A
 Publication No. US20030720761A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Rader, Kenneth
 APPLICANT: Rader, Kenneth
 APPLICANT: Moskysan, Jim
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

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/ TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
/ SEQUENCE: NM000095-1 (400/118)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOURCE: Patentin version 3.0
/ SEQ ID NO: 30
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-330

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Base Local Similarity 82.4%; Pval No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1552 ATGATCATCGCTCCCA 1668
DB 17 ATTCTCATCTCCCA 1

RESULT 683
US-09-848-754A-333/C
/ SEQUENCE: NM000095-1 (400/118)
/ PUBLIC ID NO: US20030073207A1
/ GENERAL INFORMATION:
/ APPLICATION: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Epigenetic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
/ FILE REFERENCE: NM000-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ NUMBER OF SEQ ID NOS: 9645
/ CURRENT FILING DATE: 2001-05-03
/ SOURCE: Patentin version 3.0
/ SEQ ID NO: 363
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-363

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Base Local Similarity 82.4%; Pval No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 TCCCTTCACAGACAG 661
DB 17 TCCCTTCACAGACAG 1

RESULT 684
US-09-848-754A-566
/ SEQUENCE: NM000095-1 (400/118)
/ PUBLIC ID NO: US20030073207A1
/ GENERAL INFORMATION:
/ APPLICATION: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Epigenetic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
/ FILE REFERENCE: NM000-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ NUMBER OF SEQ ID NOS: 9645
/ CURRENT FILING DATE: 2001-05-03
/ SOURCE: Patentin version 3.0
/ SEQ ID NO: 566
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-566

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Base Local Similarity 82.4%; Pval No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 647 AGTACTTCACAGACAG 663

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DB 17 ATTCTTCACAGACAG 17

RESULT 685
US-09-848-754A-593
/ SEQUENCE: NM000095-1 (400/118)
/ PUBLIC ID NO: US20030073207A1
/ GENERAL INFORMATION:
/ APPLICATION: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Epigenetic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
/ FILE REFERENCE: NM000-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ NUMBER OF SEQ ID NOS: 9645
/ CURRENT FILING DATE: 2001-05-03
/ SOURCE: Patentin version 3.0
/ SEQ ID NO: 593
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-593

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Base Local Similarity 82.4%; Pval No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1087 TGGTCTCTCCATCC 1103
DB 1 TGGTCTCTCCATCC 17

RESULT 686
US-09-848-754A-1046
/ SEQUENCE: NM000095-1 (400/118)
/ PUBLIC ID NO: US20030073207A1
/ GENERAL INFORMATION:
/ APPLICATION: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Epigenetic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
/ FILE REFERENCE: NM000-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ NUMBER OF SEQ ID NOS: 9645
/ CURRENT FILING DATE: 2001-05-03
/ SOURCE: Patentin version 3.0
/ SEQ ID NO: 1040
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-1040

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Base Local Similarity 82.4%; Pval No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 AAGACATCATCATGTC 474
DB 1 AAGACATCATCATGTC 17

RESULT 687
US-09-848-754A-1130
/ SEQUENCE: NM000095-1 (400/118)
/ PUBLIC ID NO: US20030073207A1
/ GENERAL INFORMATION:
/ APPLICATION: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Epigenetic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
/ FILE REFERENCE: NM000-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ NUMBER OF SEQ ID NOS: 9645
/ CURRENT FILING DATE: 2001-05-03
/ SOURCE: Patentin version 3.0

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SEQ ID NO 1130
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-1130

Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.4%; Pred. No. 4.1e+02;

Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

1348 CTTCCACCTCCCTCCG 1164
 Db 1 CTTCCACCTCCCTCCG 17

RESULT 688
 US-09-848-754A-1147/c
 Sequence 1147, Application US/09848754A
 Publication No. US20030073207A1

APPLICANT: Ribosome Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBH00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SEQ ID NO 1147
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-1147

Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1530 TCGACCCCTATCTCAAT 1546
 Db 17 TCGACCCCTATCTCAAT 1

RESULT 689
 US-09-848-754A-1176
 Sequence 1176, Application US/09848754A
 Publication No. US20030073207A1

APPLICANT: Ribosome Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBH00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SEQ ID NO 1176
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-1176

Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 76.5%; Pred. No. 4.1e+02;

Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

365 ACAGAGCAAGCAATCCG 381
 Db 1 ACAGAGCAAGCAATCCG 17

RESULT 690
 US-09-848-754A-1556/c

Sequence 1556, Application US/09848754A
 Publication No. US20030073207A1

APPLICANT: Ribosome Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBH00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SEQ ID NO 1556
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-1556

Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1186 CATTCCACCTCCCTCCG 1204
 Db 17 CATTCCACCTCCCTCCG 1

RESULT 691
 US-09-848-754A-2127/c
 Sequence 2127, Application US/09848754A
 Publication No. US20030073207A1

APPLICANT: Ribosome Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBH00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SEQ ID NO 2127
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-2127

Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

489 GCTTCCTCCCTCCCTCCG 505
 Db 17 GCTTCCTCCCTCCCTCCG 1

RESULT 692
 US-09-848-754A-2326/c
 Sequence 2326, Application US/09848754A
 Publication No. US20030073207A1

APPLICANT: Ribosome Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBH00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SEQ ID NO 2326
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-848-754A-2326


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Query Match
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 1102
/ SEQ ID NO 1102
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-3102
Query Match
/ Best Local Similarity 58.8%; Pred. No. 4.1e+02;
/ Matches 10/ Conservative 4/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1 GCGCCTCCGCTCCGCT 1307
1 GCGCCTCCGCTCCGCT 1307

RESULT 693
US-09-848-7544-2792
/ Sequence 2792, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 2792
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-2792
Query Match
/ Best Local Similarity 70.6%; Pred. No. 4.1e+02;
/ Matches 14/ Conservative 2/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1 GGGAGGCCACCTACATCG 472
1 GGGAGGCCACCTACATCG 472

RESULT 694
US-09-848-7544-2941/C
/ Sequence 2941, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 2941
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-2941
Query Match
/ Best Local Similarity 82.4%; Pred. No. 4.1e+02;
/ Matches 14/ Conservative 0/ Mismatches 3/ Indels 0/ Gaps 0/
Db
808 CATTCCATCCGCGCA 824
17 CATTCCATCCGCGCA 1

RESULT 695
US-09-848-7544-3102
/ Sequence 3104, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3104
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-3102
Query Match
/ Best Local Similarity 82.4%; Pred. No. 4.1e+02;
/ Matches 14/ Conservative 0/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1291 GCGCCTCCGCTCCGCT 1307
1 GCGCCTCCGCTCCGCT 1307

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/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 1102
/ SEQ ID NO 1102
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-3102
Query Match
/ Best Local Similarity 58.8%; Pred. No. 4.1e+02;
/ Matches 10/ Conservative 4/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1 GCGCCTCCGCTCCGCT 1310
1 GCGCCTCCGCTCCGCT 1310

RESULT 696
US-09-848-7544-3195
/ Sequence 3194, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3195
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-3195
Query Match
/ Best Local Similarity 70.6%; Pred. No. 4.1e+02;
/ Matches 12/ Conservative 2/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1576 GTCGCGCGACGAGAA 1592
1 GTCGCGCGACGAGAA 1592

RESULT 697
US-09-848-7544-3304/C
/ Sequence 3304, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
/ FILE REFERENCE: MEM800-958-1 (400/018)
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: Patent version 3.0
/ SEQ ID NO 3304
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-7544-3304
Query Match
/ Best Local Similarity 82.4%; Pred. No. 4.1e+02;
/ Matches 14/ Conservative 0/ Mismatches 3/ Indels 0/ Gaps 0/
Db
1291 GCGCCTCCGCTCCGCT 1307
1 GCGCCTCCGCTCCGCT 1307

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Db 17 CCTGTGGCCCTTGCAGCT 1

RESULT 698
 US-09-848-753A-3344/C
 INVENTOR: HONG, JIANFENG; US/09948753A
 PUBLICATION NO: 201001007320/AL
 GENERAL INFORMATION:
 APPLICANT: Rhozyme Pharmaceuticals, Inc
 TITLE OF INVENTION: Enzymatic Amino Acid Treatment of Diseases or Conditions Related to the Amino Acid Metabolism
 FILE REFERENCE: HMB00-558-7 (40/01018)
 CURRENT APPLICATION NUMBER: US/09/848,753A
 NUMBER OF SEQ. IDS.: 2001-05-03
 SOFTWARE: PatentIn version 3.0
 SEQ. ID NO 3344
 SEQ. ID NO 3347
 SEQ. ID NO 3348
 SEQ. ID NO 3349
 ORGANISM: Homo sapiens
 US-09-848-753A-3344

DB	Query Match	Score 15.2;	DB 1;	Length 17;
DB	Best Local Similarity	82.4%	Pred. No. 4.1e+02;	
	Ketches 141	Consecutive	0;	Mismatches 3;
07	CTGGGCGCGCTGCTGATGTC	1454		Indels 0;
17	CTGGGCGCGCGCTGCTGTC	1		Indels 0;

US-09-776-474-114
Sequence 114, Application US/09776474
GENERAL INFORMATION: 0305097474L
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Janssen, Robert
APPLICANT: Janssen, Robert
APPLICANT: Janssen, Robert
APPLICANT: Pateley, Ali
APPLICANT: McGWysgen Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK1)
FILE REFERENCE: MHBD0-555-A (400/008)
CURRENT APPLICATION NUMBER: US/09/776-474
CURRENT FILING DATE: 2001-02-02/0179, 993
PRIOR FILING DATE 2000-03-02
NUMBER OF SEQ ID NOS: 2992
SOFTWARE: PreInlin version 3. 0
SEQ ID NOS: 1-14
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Nucleic acid

RESULT 700
US-09-776-474-260/c
Sequence 260, Application US/09776474
Publication No. US20030087847A1
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

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QY	DB	Match	Similarity	Score	DB 1	Length	Indels	Gaps
1577	TGCTGAGAGACAAA	1593	82.48%	12.2	DB 1	17	0	0
17	TGTCGAGAGAGCCAA	1	82.48%	12.2	DB 1	17	0	0

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US/09/776,474-575 /-
RESIDUE: 761
SEQUENCE: 575, Application US/09/776474
Publication No. US2003008784/7A1
GENERAL INFORMATION: Pharmaceuticals, Inc.
APPLICANT: Jervis, Thale
APPLICANT: Becher, Robert
APPLICANT: Roman, Patricia
APPLICANT: Roman, Patricia
APPLICANT: McKeen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CK1)
PRIORITY DATE: 2001-02-02 (US/09/776,474)
CURRENT PILING DATE: 2001-02-02 (US/09/776,474)
CURRENT APPLICATION NUMBER: US/09/776,474
PRIORITY APPLICATION NUMBER: US/01/199,583
NUMBER OF SEQ ID NOS: 292-502
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 575
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776,474-575

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RESULT 702
US-09-776-474-576/c
; Sequence 576, Application US/09776474
; Publication No. US20030087847A1

```

1 / GENERAL INFORMATION:
2 / APPLICANT: RHOZYME Pharmaceuticals, Inc.
3 / INVENTOR: RHOZYME Pharmaceuticals, Inc.
4 / APPLICANT: Booker, Robert
5 / APPLICANT: Holman, Patricia
6 / APPLICANT: Patsky, Ali
7 / TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK1)
8 / TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK1)
9 / FILE REFERENCE: HSH000-955-A (400/008)
10 / CURRENT APPLICATION NUMBER: US 68/09776, 474
11 / PRIORITY FILED NUMBER: US 68/09776, 474
12 / PRIOR APPLICATION NUMBER: US 60/179,983
13 / PRIOR FILING DATE: 2006-03-02
14 / NUMBER OF SEQ ID NOS: 2592
15 / SUMMARY: See description version 3.0
16 / SEQ ID NO 576
17 / LENGTH: 17
18 / TYPE: RNA
19 / FEATURE: 5' UTR
20 / FEATURE: 3' UTR
21 / OTHER INFORMATION: Description of Artificial Sequence
22 / 58-09-776-474-576
23 / Nucleic Acid

```

RESUME 703 474-774
 Sequence 774, Application US/0976474
 Publication No. US20030087847A1
 GENERAL INFORMATION: Pharmaceutical, INC.
 INVENTOR: Taylor, Dale
 APPLICANT: Beeher, Robert
 APPLICANT: Holman, Patricia
 APPLICANT: Meschery, Jim
 TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK1)
 TITLE OF INVENTION: Bixzyme (409/008)
 CURRENT APPLICATION NUMBER: US/09/776, 474
 PRIOR APPLICATION NUMBER: 2001-02-02
 NUMBER OF SEQ ID NOS: 02
 NUMBER OF SEQ ID NOS: 2592
 SOFTWARE: Patent version 3.0
 SEQ ID NO 774
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GENERAL INFORMATION: Publication No. US20030087847A1
APPLICANT: Biogen Idec Pharmaceuticals, Inc.
APPLICANT: Beohler, Robert
APPLICANT: Holman, Patricia
APPLICANT: Kiedrowski, Jim
APPLICANT: Kiedrowski, Alan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CK1)
FILE REFERENCE: MEM000-918-A (400/008)
CURRENT FILING DATE: 2001-02-02
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: US 60/179,983
SOFTWARE: Patent version 3.0
SEQ ID NO 1036
LENGTH: 17
ORGANISM: Artificial Sequence
FEATURES:
US-09-776-474-1036
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
Query Match
Base Local Similarity 0.9% Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
Qy
563 CCGCGGCGCAAGCGGCG 579
1 CCGCGGCGCAAGCGGCG 17
RESULT 705
US-09-930-423-212/C
Sequence 412: APPLICATION US/09930423
Sequence 412: US2001009200A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Bluet, Larry
APPLICANT: Bluet, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEM000-918-A-400/027
CURRENT APPLICATION NUMBER: US/09/930,423
SEQUENCE ID NO: 412
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: Patent version 3.0
SEQ ID NO 212
ORGANISM: Homo Sapiens
FEATURES:
US-09-930-423-212
ORGANISM: Homo Sapiens
Query Match
Base Local Similarity 0.9% Score 12.2; DB 1; Length 17;
Matches 14; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
Qy
1667 CCGGCGGCGCGCGGCG 1683
1 CCGGCGGCGCGCGGCG 17
RESULT 706
US-09-930-423-817/C
Sequence 817: APPLICATION US/09930423
Sequence 817: US2003005003A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Bluet, Larry
APPLICANT: Bluet, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEM000-918-A-400/027
SEQUENCE ID NO: 817
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: Patent version 3.0
SEQ ID NO 212
ORGANISM: Homo Sapiens
FEATURES:
US-09-930-423-817
ORGANISM: Homo Sapiens
Query Match
Base Local Similarity 0.9% Score 12.2; DB 1; Length 17;
Matches 14; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
Qy
1667 CCGGCGGCGCGCGGCG 1683
1 CCGGCGGCGCGCGGCG 17

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/ CURRENT APPLICATION NUMBER: US/09/930.423
/ CURRENT FILING DATE: 2001-08-15
/ INVENTOR: MSH800.918-A
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 817
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-817

Query Match
Best Local Similarity: 0.94; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db
17 CAGAGGCTCTGCTCTGCG 1

RESULT 709
US-09-930-423-1106
/ Sequence 1106, Application US/09930423
/ Publication No. US2003092003A1
/ GENERAL INFORMATION: Pharmaceutical, Inc.
/ APPLICANT: Blact Larry
/ APPLICANT: MesiVigen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ CURRENT FILING DATE: 2001-08-15
/ CURRENT APPLICATION NUMBER: US/09/930.423
/ NUMBER OF SEQ ID NOS: 4553
/ SEQ ID NO 1106
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1106

Query Match
Best Local Similarity: 0.94; Score 12.2; DB 1; Length 17;
Matches 6; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Db
1477 TGCATTAATTAATGAG 1493

RESULT 708
US-09-930-423-1154/C
/ Sequence 1154, Application US/09930423
/ Publication No. US2003092003A1
/ GENERAL INFORMATION: Pharmaceutical, Inc.
/ APPLICANT: Blact Larry
/ APPLICANT: MesiVigen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: MSH800.918-A-400/027
/ CURRENT FILING DATE: 2001-08-15
/ NUMBER OF SEQ ID NOS: 4553
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 1154
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1154

Query Match
Best Local Similarity: 0.94; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db
1298 TCTCCGCTCTGCTCTGCG 1314

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Db
17 TCTCCGCTCTGCTCTGCG 1

RESULT 709
US-09-930-423-1385
/ Sequence 1385, Application US/09930423
/ Publication No. US2003092003A1
/ GENERAL INFORMATION: Pharmaceutical, Inc.
/ APPLICANT: Blact Larry
/ APPLICANT: MesiVigen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ CURRENT FILING DATE: 2001-08-15
/ CURRENT APPLICATION NUMBER: US/09/930.423
/ NUMBER OF SEQ ID NOS: 4553
/ SEQ ID NO 1385
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1385

Query Match
Best Local Similarity: 0.94; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db
821 GCAACATCACTATGAGA 837

RESULT 710
US-09-930-423-1459/C
/ Sequence 1459, Application US/09930423
/ Publication No. US2003092003A1
/ GENERAL INFORMATION: Pharmaceutical, Inc.
/ APPLICANT: Blact Larry
/ APPLICANT: MesiVigen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: MSH800.918-A-400/027
/ CURRENT FILING DATE: 2001-08-15
/ NUMBER OF SEQ ID NOS: 4553
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 1459
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1459

Query Match
Best Local Similarity: 0.94; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db
1566 CAGAGGCTCTGCTCTGCG 1582

RESULT 711
US-09-930-423-1604
/ Sequence 1604, Application US/09930423
/ Publication No. US2003092003A1
/ GENERAL INFORMATION: Pharmaceutical, Inc.
/ APPLICANT: Blact Larry
/ APPLICANT: MesiVigen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: MSH800.918-A-400/027
/ CURRENT FILING DATE: 2001-08-15
/ NUMBER OF SEQ ID NOS: 4553
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 1604
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo Sapiens
US-09-930-423-1604

```

CURRENT FILING DATE: 2001-09-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: Patent version 3.0
 SEQ ID NO 1604

LENGTH: 17
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ORGANISM: Homo Sapiens

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 59.84; Pred. No. 4.1e+02;

Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

DB 1410 CACCTCCGCGCCGCGCCG 1426
 1 CACCTCCGCGCGCCGCGCCG 17

RESULT 713
 US-09-930-423-1651
 Sequence 1651, Application US/09930423
 GENERAL INFORMATION
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ORGANISM: Homo Sapiens

CURRENT APPLICATION NUMBER: US/09/930,423

PRIOR APPLICATION NUMBER: MBH00,216-R-400/027

NUMBER OF SEQ ID NOS: 4553

SOFTWARE: Patent version 3.0

SEQ ID NO 1651

LENGTH: 17

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

ORGANISM: Homo Sapiens

US-09-930-423-1651

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.77; Pred. No. 4.1e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

DB 668 CATTCAAGCAAGCAAGTC 684
 1 CATTCAAGCAAGCAAGTC 17

RESULT 713
 US-09-930-423-1685
 Sequence 1685, Application US/09930423
 GENERAL INFORMATION
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ORGANISM: Homo Sapiens

CURRENT APPLICATION NUMBER: US/09/930,423

PRIOR APPLICATION NUMBER: MBH00,216-R-400/027

NUMBER OF SEQ ID NOS: 4553

SOFTWARE: Patent version 3.0

SEQ ID NO 1685

LENGTH: 17

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

ORGANISM: Homo Sapiens

US-09-930-423-1685

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.64; Pred. No. 4.1e+02;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

DB 1049 GATTCGCAAGCAAGTC 1065
 1 GATTCGCAAGCAAGTC 1065

DB 1 CACCTCCGCGCCGCGCCG 17

RESULT 714
 US-09-780-164-281/c
 Sequence 281, Application US/09780164

GENERAL INFORMATION
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

CURRENT APPLICATION NUMBER: US/09/780,164

PRIOR APPLICATION NUMBER: MBH00,216-R-400/027

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: Patent version 3.0

SEQ ID NO 281

LENGTH: 17

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

US-09-780-164-281

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.19; Pred. No. 1.1e+02;

Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

DB 506 TCAATGCAAGCAAGTAAAG 522
 17 TCAATGCAAGCAAGTAAAG 17

RESULT 715
 US-09-780-164-530
 Sequence 530, Application US/09780164
 GENERAL INFORMATION
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

CURRENT APPLICATION NUMBER: US/09/780,164

PRIOR APPLICATION NUMBER: MBH00,216-R-400/027

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: Patent version 3.0

SEQ ID NO 530

LENGTH: 17

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

US-09-780-164-530

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.64; Pred. No. 4.1e+02;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

DB 1005 CATTCAAGCAAGCAAGTC 1021
 1 CATTCAAGCAAGCAAGTC 1021

RESULT 716
 US-09-780-164-531
 Sequence 531, Application US/09780164

GENERAL INFORMATION
 APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blact, Larry

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

CURRENT APPLICATION NUMBER: US/09/780,164

PRIOR APPLICATION NUMBER: MBH00,216-R-400/027

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: Patent version 3.0

SEQ ID NO 531

LENGTH: 17

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

ORGANISM: Homo Sapiens

US-09-780-164-531

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TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 00/010
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIORITY DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: PatentIn version 3.0
SEQ ID NO 531
LENGTH: 17
TYPES: RNA
ORGANISM: Homo sapiens
US-09-780-164-531

Query Match
Beat Local Similarity: 70.6%; Pred. No. 4.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

1006 ATCTGCGCCGCGGACCA 1023
11111111111111111111
11111111111111111111
Db 1 AUCUUCGCGACCGAAGA 17

RESULT 717
US-09-780-164-625/C
Sequence 625; Application US/09/780,164
Publication No. US2003009264A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
PRIORITY DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: PatentIn version 3.0
SEQ ID NO 625
LENGTH: 17
TYPES: RNA
ORGANISM: Homo sapiens
US-09-780-164-625

Query Match
Beat Local Similarity: 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

504 GTCGATGTCGATGAT 520
11111111111111111111
11111111111111111111
Db 17 GTCGATGTCGATGAT 1

RESULT 718
US-09-780-164-905
Sequence 905; Application US/09/780,164
Publication No. US2003009264A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
PRIORITY DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: PatentIn version 3.0
SEQ ID NO 905
LENGTH: 17
TYPES: RNA
ORGANISM: Homo sapiens
US-09-780-164-905

Query Match
Beat Local Similarity: 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

504 GTCGATGTCGATGAT 520
11111111111111111111
11111111111111111111
Db 17 GTCGATGTCGATGAT 1

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ORGANISM: Homo sapiens
US-09-780-164-905

Query Match
Beat Local Similarity: 70.6%; Pred. No. 4.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

1007 TCGACCGCGCGGACCA 1023
11111111111111111111
11111111111111111111
Db 1 UCUUCGCGACCGAAGA 17

RESULT 719
US-09-827-358A-972/C
Sequence 972; Application US/09/827,358A
Publication No. US2003011893A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of MCOO and MCOO Receptor
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/827,358A
PRIORITY DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIORITY DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 942
LENGTH: 17
TYPES: RNA
ORGANISM: Homo sapiens
US-09-827-358A-972

Query Match
Beat Local Similarity: 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1287 TGAACCTGCTGCTGTC 1303
11111111111111111111
11111111111111111111
Db 17 TGAACCTGCTGCTGTC 1

RESULT 720
US-09-827-358A-973/C
Sequence 973; Application US/09/827,358A
Publication No. US2003011893A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of MCOO and MCOO Receptor
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/827,358A
PRIORITY DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIORITY DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 922
LENGTH: 17
TYPES: RNA
ORGANISM: Homo sapiens
US-09-827-358A-973

Query Match
Beat Local Similarity: 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1287 TGAACCTGCTGCTGTC 1303
11111111111111111111
11111111111111111111
Db 17 TGAACCTGCTGCTGTC 1

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	Matches	14; Conservative	0; Mismatches	3; Indels	0; Gaps
Q7	1286	TTGAGCTGCTGCTCTGCTG	1302		
D6	17	TTGAGCTCTGAGCTACTG	1		

RESULT 721
US-09-845-938A-3
; Sequence 3, Application US/09845938A

APPLICANT: Kabanov, Alexander V
INVENTOR: Kabanov, Alexey
APPLICANT: Vinogradov, Sergey V.
TITLE OF INVENTION: Composition and Methods for Inducing Activation of Dendritic Cells
PRIORITY REFERENCE: 3879-129 US
CURRENT APPLICATION NUMBER: US/09/845,938A
CROSS REFERENCE TO PRIOR APPLICATIONS:
NUMBER OF SEQ ID NOS: 7 501-04-50
SOFTWARE: Patent1 version 3.1
SRD ID NO 3
LEADNTH: 17
VARIANT: 1
ORGANISM: Homo sapiens
US-09-845-938A-3

RESIST 722 333-149
 SEQID 103333-149
 Sequence 149 Application US/0974032
 Publication No. US2001012270A1
 GENERAL INFORMATION:
 TITLE OF INVENTION: Pharmacological Use
 TITLE OF INVENTION: Physicochemical Treatment of Diseases or Conditions Related
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RI 400/003 US/0974032
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: Patent version 3.0

RESULT 723
US-09-740-332-419
; Sequence 419, Application US/09740332
; Publication No. US20030125270A1

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1 / GENERAL INFORMATION:
2 / APLICANT: Rhozyme Pharmaceuticals Inc.
3 / TITLE OF INVENTION: Hepatitis C Virus and Treatment of Diseases or Conditions Related
4 / TITLE OF INVENTION: Hepatitis C Virus Infection
5 / FILE REFERENCE: RFI 400/003
6 / CURRENT APPLICATION NUMBER: US/09/740,332
7 / PRIORITY DATE: 03-26
8 / NUMBER OF SEQ ID NOS: 9704
9 / SOFTWARE: Patent version 3.0
10 / SEQ ID NO 1: 419
11 / SEQ ID NO 2: 419
12 / TYPE: RNA
13 / ORGANISM: artificial sequence
14 / FEATURES:
15 / NAME: msc_feature
16 / LOCATION:
17 / OTHER INFORMATION: oligonucleotide substrate
18 / 08-09-740-332-419

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US-07-740-332-1292;C
US-07-740-332-1292;C
/ Sequence 1292, Application US/09740332
/ Publication No. US20050125270A1
/ GENERAL INFORMATION:
/ APPLICANT: Rhizome Pharmaceuticals Inc.
/ TITLE OF INVENTION: Empirical Polyclonal Field Treatment of Diseases or Conditions Related to
/ FILE REFERENCE: PFI 400/003
/ CURRENT APPLICATION NUMBER: US/09/740,332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOURCE: Synthetic
/ SEQ ID NO 1292
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURES:
/ name: name_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-07-740-332-1292

```

RESULT 725
 US-09740-332-474
 US-09740-332-474
 Publication No. US20090125270A1
 GENERAL INFORMATION:
 APPLICANT: Rhizome Pharmaceuticals Inc.
 TITLE OF INVENTION: Hospital-acquired Virus Infection
 FILE REFERENCE: RFI 000/003
 CURRENT APPLICATION NUMBER: US/09/740/332
 NUMBER OF SEQ. ID NOS.: 904
 SOFTWARE: PatentIn version 3.0

SEQ ID NO 1474
 LENGTH: 17
 TYPE: RNA
 ORIGINISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION: 1
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-1474

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 52.4%; Pred. No. 4.1e+02;
 Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1092 TCTCTCCATCTCCATCT 1108
 DB 1 UCCCGACGACGACGACG 17

RESULT 726
 US-09-740-332-2333/c
 Publication No. US02003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US-09/740,332
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 5704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 2333
 LENGTH: 17
 TYPE: RNA
 ORIGINISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION: 1
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-2333

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 658 GCGCGATGCGCGCGCGCG 674
 DB 17 GCGCGATGCGCGCGCG 1

RESULT 727
 US-09-740-332-3192
 Sequence 3192; Application US/09740332
 Publication No. US02003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 5704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3192
 LENGTH: 17
 TYPE: RNA
 ORIGINISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION: 1
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3192

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.7%; Pred. No. 4.1e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1212 CATTATCTCTCTCTCTCT 1228
 DB 1 CTTTATCTCTCTCTCTCT 17

RESULT 728
 US-09-740-332-3262
 Sequence 3262; Application US/09740332
 Publication No. US02003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 5704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3262
 LENGTH: 17
 TYPE: RNA
 ORIGINISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION: 1
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3262

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 52.4%; Pred. No. 4.1e+02;
 Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 594 TGTGATGATGATGATGAT 610
 DB 1 TGTGATGATGATGATGAT 17

RESULT 729
 US-09-740-332-3709/c
 Sequence 3709; Application US/09740332
 Publication No. US02003012570A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 5704
 SOFTWARE: Patent version 3.0
 SEQ ID NO 3709
 LENGTH: 17
 TYPE: RNA
 ORIGINISM: artificial sequence
 NAME/KEY: misc_feature
 LOCATION: 1
 OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-3709

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1399 GCGCGATGCGCGCGCGCG 1415
 DB 17 GCGCGATGCGCGCGCG 1


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RESULT 730
US-09-740-332-4370/c
Sequence 4370, Application US/09740332
Publication No. US2003013270A1
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
CURRENT FILING DATE: 2001-03-26
CURRENT APPLICATION NUMBER: US/09/740,332
NUMBER OF SEQ ID NOS: 9704
SEQ ID NO 4370
LENGTH: 17
TYPE: RNA
NAME/KEY: mlec_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4370

Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy
1119 GCGCCCGCTTCTGCGC 1135
17 CCGCCCGCGACCGCC 17

RESULT 731
US-09-740-332-4391
Sequence 4391, Application US/09740332
Publication No. US2003013270A1
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
CURRENT FILING DATE: 2001-03-26
CURRENT APPLICATION NUMBER: US/09/740,332
NUMBER OF SEQ ID NOS: 9704
SEQ ID NO 4391
LENGTH: 17
TYPE: RNA
NAME/KEY: mlec_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4391

Query Match
Best Local Similarity 76.5%; Pred. No. 4.1e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy
313 GCGAACCGCGCGCGCC 329
1 GCGAACCGCGCGCGCC 17

RESULT 732
US-09-740-332-4406/c
Sequence 4406, Application US/09740332
Publication No. US2003013270A1
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
CURRENT FILING DATE: 2001-03-26
CURRENT APPLICATION NUMBER: US/09/740,332
NUMBER OF SEQ ID NOS: 9704
SEQ ID NO 4406
LENGTH: 17
TYPE: RNA
NAME/KEY: mlec_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4406

Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy
613 GCGCGACGACGCGCC 628
17 GCGCGCGACGACGCC 17

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FILE REFERENCE: RPT 400/003
US-09-745-237A-212/c
Sequence 212, Application US/09745237A
Publication No. US2003014370A1
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
CURRENT FILING DATE: 2001-03-26
CURRENT APPLICATION NUMBER: US/09/745,237A
NUMBER OF SEQ ID NOS: 4550
SEQ ID NO 212
LENGTH: 17
TYPE: RNA
NAME/KEY: mlec_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-745-237A-212

Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy
1067 CCGGACGACGCGCC 1083
17 CCGGACGACGCGCC 17

RESULT 734
US-09-745-237A-817/c
Sequence 817, Application US/09745237A
Publication No. US2003014370A1
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
CURRENT FILING DATE: 2001-03-26
CURRENT APPLICATION NUMBER: US/09/745,237A
NUMBER OF SEQ ID NOS: 4550
SEQ ID NO 817
LENGTH: 17
TYPE: RNA
NAME/KEY: mlec_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-745-237A-817

Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy
1067 CCGGACGACGCGCC 1083
17 CCGGACGACGCGCC 17

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Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1256 CTTCCGCGCTGCTGCGA 1252
DB      17 CTTCCGCGCTGCTGCGA 1

RESULT 735
US-09-745-237A-1106
Sequence 1106; Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
APPLICANT: WGS-Magen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (USHB00-918-A)
CURRENT APPLICATION NUMBER: US/09745,237A
CURRENT FILING DATE: 2002-04-15
ORGANISM: Homo sapiens
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1106
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1106

Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 4.1e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY      1477 TCGATTATATTTGCGA 1493
DB      1 TCGATTATATTTGCGA 17

RESULT 735
US-09-745-237A-1154/c
Sequence 1154; Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
APPLICANT: WGS-Magen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (USHB00-918-A)
CURRENT APPLICATION NUMBER: US/09745,237A
CURRENT FILING DATE: 2002-04-15
ORGANISM: Homo sapiens
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1154
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1154

Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

QY      1298 TCTGCGCGCTGCTGCG 1314
DB      17 TCTGCGCGCTGCTGCG 1

RESULT 737
US-09-745-237A-1185
Sequence 1185; Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

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APPLICANT: Blact, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (USHB00-918-A)
CURRENT APPLICATION NUMBER: US/09745,237A
CURRENT FILING DATE: 2002-04-15
ORGANISM: Homo sapiens
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1185
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1185

Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      821 CGACGATGACGACGAC 837
DB      1 CGACGATGACGACGAC 17

RESULT 738
US-09-745-237A-1459/c
Sequence 1459; Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
APPLICANT: WGS-Magen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (USHB00-918-A)
CURRENT APPLICATION NUMBER: US/09745,237A
CURRENT FILING DATE: 2002-04-15
ORGANISM: Homo sapiens
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1459
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1459

Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

QY      1566 CAGGCGCTGCTGCTGCG 1582
DB      17 CAGGCGCTGCTGCTGCG 1

RESULT 739
US-09-745-237A-1604
Sequence 1604; Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
APPLICANT: WGS-Magen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (USHB00-918-A)
CURRENT APPLICATION NUMBER: US/09745,237A
CURRENT FILING DATE: 2002-04-15
ORGANISM: Homo sapiens
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1604
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1604

Query Match      0.94; Score 12.2; DB 1; Length 17;

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Beat Local Similarity 58.8%; Pred. No. 4,1e+02;
Matches 140; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 1410 CCGCTGCGCCGCGCGCTC 1435
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

RESULT 740
US-09-792-818-1651
Sequence 1651; Application US/09745237N
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
CURRENT FILING DATE: 2002-04-15
CURRENT PILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SEQ ID NO 1651
LENGTH: 17
TYPER: RNA
US-09-745-237A-1685
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 64.7%; Pred. No. 4,1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 668 CCGCTGAGGACGAGCTC 684
Db 1 CCGCCGCGCGCGCGCGCCD 17
1 CCGCCGCGCGCGCGCGCCD 17

RESULT 741
US-09-792-818-1685
Sequence 1685; Application US/09745237N
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
CURRENT FILING DATE: 2002-04-15
CURRENT PILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SEQ ID NO 1685
LENGTH: 17
TYPER: RNA
US-09-745-237A-1685
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 70.6%; Pred. No. 4,1e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 1049 GAATTCAGACCTGCGC 1065
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

RESULT 742
US-09-792-818-287/C
Sequence 287; Application US/09792818
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ NOS: 2104
SEQ ID NO 287
LENGTH: 17
TYPER: RNA
US-09-792-818-287
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 4; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 468 CCGCGCGCGCGCGCGCGC 484
Db 17 CAGCCGCGCGCGCGCGCCD 1
1 CAGCCGCGCGCGCGCGCCD 1

RESULT 743
US-09-792-818-469
Sequence 469; Application US/09792818
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2104
SEQ ID NO 469
LENGTH: 17
TYPER: RNA
US-09-792-818-469
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 972 CCGCGCGCGCGCGCGCGC 988
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

RESULT 744
US-09-792-818-625/C
Sequence 625; Application US/09792818
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ NOS: 2104
SEQ ID NO 625
LENGTH: 17
TYPER: RNA
US-09-792-818-625
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 972 CCGCGCGCGCGCGCGCGC 988
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

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APPLICANT: von Carlwitzer, Ira
APPLICANT: Hamblitt, Paul
APPLICANT: Hamblitt, Paul
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ NOS: 2104
SEQ ID NO 287
LENGTH: 17
TYPER: RNA
US-09-792-818-287
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 4; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 468 CCGCGCGCGCGCGCGCGC 484
Db 17 CAGCCGCGCGCGCGCGCCD 1
1 CAGCCGCGCGCGCGCGCCD 1

RESULT 743
US-09-792-818-469
Sequence 469; Application US/09792818
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2104
SEQ ID NO 469
LENGTH: 17
TYPER: RNA
US-09-792-818-469
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 972 CCGCGCGCGCGCGCGCGC 988
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

RESULT 744
US-09-792-818-625/C
Sequence 625; Application US/09792818
Publication No. US2003014308A1
GENERAL INFORMATION:
APPLICANT: Abbott Pharmaceuticals, Inc.
APPLICANT: WMSIgen, Jim
APPLICANT: WMSIgen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of G2D-2-related with Inse
FILE REFERENCE: NM000-501-A (160/013)
CURRENT FILING DATE: 2001-02-23
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ NOS: 2104
SEQ ID NO 625
LENGTH: 17
TYPER: RNA
US-09-792-818-625
Query Match 0.94; Score 12.2; DB 1; Length 17;
Beat Local Similarity 82.4%; Pred. No. 4,1e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
Qy 972 CCGCGCGCGCGCGCGCGC 988
Db 1 CAGCCGCGCGCGCGCGCCD 17
1 CAGCCGCGCGCGCGCGCCD 17

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DB 1 UNIDGMAACDMCKGAND 17

RESULT 749

US-10-238-700-869

Sequence 930, Application US/10238700

Publication No. US2003015352A1

GENERAL INFORMATION: 09/03/952A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 869

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

US-10-238-700-869

Query Match

Best Local Similarity 52.9%, Pred. No. 4.1e+02

Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

1222 TCTCGGAACTGCTGCT 1238

DB 1 UNIDGMAACDMCKGAND 17

RESULT 750

US-10-238-700-890

Sequence 930, Application US/10238700

Publication No. US2003015352A1

GENERAL INFORMATION: 09/03/952A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 890

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

US-10-238-700-890

Query Match

Best Local Similarity 64.7%, Pred. No. 4.1e+02

Matches 11; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

579 CTTCTGAAAGGCGGCG 555

DB 1 CTTCTGAAAGGCGGCG 17

RESULT 751

US-10-238-700-1288

Sequence 1288, Application US/10238700

Publication No. US2003015352A1

GENERAL INFORMATION: 09/03/952A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 1288

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

APPLICANT: McGraw-Hill, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 1288

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

US-10-238-700-1288

Query Match

Best Local Similarity 70.5%, Pred. No. 4.1e+02

Matches 12; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

822 CACGACGACGACGAC 838

DB 1 CACGACGACGACGAC 17

RESULT 752

US-10-238-700-3048

Sequence 3048, Application US/10238700

Publication No. US2003015352A1

GENERAL INFORMATION: 09/03/952A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 1048

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

US-10-238-700-3048

Query Match

Best Local Similarity 76.5%, Pred. No. 4.1e+02

Matches 13; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

1329 GCGCGACGCGGCGGAC 1345

DB 1 GCGCGACGCGGCGGAC 17

RESULT 753

US-10-238-700-3081

Sequence 3081, Application US/10238700

Publication No. US2003015352A1

GENERAL INFORMATION: 09/03/952A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (EMBO1-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

SOFTWARE: Patent version 3.0

SEQ ID NO 1048

LENGTH: 17

TRIPLEX: RNA Homo sapiens

ORGANISM: Homo sapiens

US-10-238-700-3081

Query Match

Best Local Similarity 76.5%, Pred. No. 4.1e+02

Matches 13; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

1329 GCGCGACGCGGCGGAC 1345

DB 1 GCGCGACGCGGCGGAC 17

NUMBER OF SEQ ID NOS: 4666
 ORGANISM: Homo sapiens
 SEQ ID NO 1081
 LENGTH: 17
 TYPE: RNA
 US-10-238-700-3081

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 701 GACGATGACCTCTCT 17
 DB 1 UGAGUACCCCTACCTCT 17

RESULT 754
 US-10-238-700-3085
 Sequence 3085; Application US/1028700
 Publication No. US2003015352A1
 APPLICANT: NCS&Sgen, Inc.

GENERAL INFORMATION: Pharmaceuticals, Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lowe's
 APPLICANT: NCS&Sgen, Inc.
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SEQ ID NO 1085
 LENGTH: 17
 TYPE: RNA
 US-10-238-700-3085

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 76.5%; Pred. No. 4.1e+02;
 Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1185 GACGATGACCTCTCT 17
 DB 1 GACGATGACCTCTCT 17

RESULT 755

US-10-238-700-3285/c
 Sequence 3285; Application US/1028700
 Publication No. US2003015352A1

GENERAL INFORMATION: Pharmaceuticals, Inc.
 APPLICANT: NCS&Sgen, Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lowe's
 APPLICANT: NCS&Sgen, Inc.
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SEQ ID NO 1085
 LENGTH: 17
 TYPE: RNA
 US-10-238-700-3285

Query Match 0.94; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1401 GCGATGACCTCTCTCT 17
 DB 17 GCGATGACCTCTCTCT 1

RESULT 756
 US-10-238-700-3286/c
 Sequence 3286; Application US/1028700
 Publication No. US2003015352A1

GENERAL INFORMATION: Pharmaceuticals, Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lowe's
 APPLICANT: NCS&Sgen, Inc.
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SEQ ID NO 1286
 LENGTH: 17
 TYPE: RNA
 US-10-238-700-3286

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1399 GCGATGACCTCTCTCT 17
 DB 17 GCGATGACCTCTCTCT 1

RESULT 757

US-10-238-700-3429/c
 Sequence 3429; Application US/1028700
 Publication No. US2003015352A1

GENERAL INFORMATION: Pharmaceuticals, Inc.
 APPLICANT: NCS&Sgen, Inc.
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lowe's
 APPLICANT: NCS&Sgen, Inc.
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SEQ ID NO 3429
 LENGTH: 17
 TYPE: RNA
 US-10-238-700-3429

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 250 AAGCCGATGACCTCTCT 1
 DB 17 AAGCCGATGACCTCTCT 1

RESULT 758

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US-10-238-700-3461/c
/ SEQUENCE 3555, APPLICATION US/10238700
/ PUBLICATION NO. US2003015532A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (US901-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ PRIOR APPLICATION NUMBER: PCT/US 02/16640
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ NUMBER OF SEQ ID NOS: 1666
/ SOFTWARE: Patent Version 3.0
/ SEQ ID NO 3461
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3461
Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 17 GCGCATGCTGCTCCCTCC 1
645 GCGCATGCTGCTCCCTCC 861

RESULT 759
US-10-238-700-3514/c
/ SEQUENCE 3554, APPLICATION US/10238700
/ PUBLICATION NO. US2003015532A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (US901-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ PRIOR FILING DATE: 2002-05-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16640
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ SOFTWARE: Patent Version 3.0
/ SEQ ID NO 3514
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-238-700-3514
Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 289 AACCCGACCCGCTCCCT 305
17 AACCCGACCCGCTCCCT 1

RESULT 760
US-10-238-700-3555/c
/ SEQUENCE 3555, APPLICATION US/10238700
/ PUBLICATION NO. US2003015532A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (US901-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700

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/ CURRENT FILING DATE: 2002-09-18
/ PRIOR FILING DATE: 2002-05-29/US 02/16640
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ PRIOR APPLICATION NUMBER: PCT/US 01/06657
/ NUMBER OF SEQ ID NOS: 1666
/ SOFTWARE: Patent Version 3.0
/ SEQ ID NO 3555
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3555
Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1141 GCGCATGCTGCTCCCTCC 1157
17 GCGCATGCTGCTCCCTCC 1

RESULT 761
US-10-061-201-506/c
/ SEQUENCE 506, APPLICATION US/10061201
/ PUBLICATION NO. US20030166239A1
/ GENERAL INFORMATION:
/ APPLICANT: Ehamon, Mark
/ TITLE OF INVENTION: HUMAN P58-LIKE PROTEIN 1
/ FILE REFERENCE: P50178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 99/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/358,205
/ NUMBER OF SEQ ID NOS: 1142
/ SOFTWARE: Acemeta Sequence Listing Engine
/ SEQ ID NO 506
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-506
Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 236 AAGAGAGCTTCAATCC 254
17 AAGAGAGCTTCAATCC 1

RESULT 762
US-10-061-201-507/c
/ SEQUENCE 507, APPLICATION US/10061201
/ PUBLICATION NO. US20030166239A1

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/ GENERAL INFORMATION: Mark
/ SOURCE: Human Posh-Line Protein 1
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/0/061,201
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ SOFTWARE: Aecolm Sequence Labeling Engine
/ SEQ ID NO 507
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-061-201-507

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

237 GAGAGAGATCCCTATCC 233
17 GAGAGAGATCCCTATCC 1

```

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/ NUMBER OF SEQ ID NOS 4162
/ SOURCE: Human Posh-Line Protein 1
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/0/061,201
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ SOFTWARE: Aecolm Sequence Labeling Engine
/ SEQ ID NO 511
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-061-201-511

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

233 TGTGAGAGATCCCTATCC 249
17 TGTGAGAGATCCCTATCC 1

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PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-22
 PRIOR APPLICATION NUMBER: US 60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Aecma Sequence Listing Engine
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-061-201-094
 Query Match 0.9% Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Freq. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 401 TATCTCTCCGAGGATC 417
 DB 1 TACGACCCCAAGGCTC 17

RESULT 765
 Sequence 1226; Application US/10061201
 Publication No. US2003016623A1
 GENERAL INFORMATION: NAME
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 FILE REFERENCE: PB0178
 CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Aecma Sequence Listing Engine
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-061-201-1226
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Freq. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 401 TATCTCTCCGAGGATC 417
 DB 1 TACGACCCCAAGGCTC 17

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1557 ATGAGCTCCCAAGGCTC 1573
 DB 1 ATGAGCAACCCCAAGGCTC 17

RESULT 770
 US-10-061-201-1227
 Sequence 1573; Application US/10061201
 Publication No. US2003016623A1
 GENERAL INFORMATION: NAME
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 FILE REFERENCE: PB0178
 CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Aecma Sequence Listing Engine
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-061-201-1227
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Freq. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1558 TACGCTCCCAAGGCTC 1574
 DB 1 TACGACCCCAAGGCTC 17

RESULT 771
 US-10-061-201-2000/C
 Sequence 2008; Application US/10061201
 Publication No. US2003016623A1
 GENERAL INFORMATION: NAME
 TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
 FILE REFERENCE: PB0178
 CURRENT APPLICATION NUMBER: US/10/061,201
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Aecma Sequence Listing Engine
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-061-201-2000/C

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCV/US01/00668
/ PRIOR APPLICATION NUMBER: PCV/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCV/US01/00670
/ PRIOR APPLICATION NUMBER: US 09/664,761
/ PRIOR FILING DATE: 2001-04-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aesclis Sequence Listing Engine
/ SEQ ID NO 2008
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-061-2008
Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1379 TACCACCGTCAAGTCC 1395
DB 17 TCCCCCTCTCTGATGTC 1
RESULT 772
US-10-241-760-110
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US/02/01780
/ GENERAL INFORMATION:
/ APPLICANT: VIVA LOGIX, Leesum, Jan et al.
/ TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and b
/ FILE REFERENCE: 3501-0101P
/ CURRENT APPLICATION NUMBER: US/10/241,760
/ PRIOR APPLICATION NUMBER: 09/527,030
/ PRIOR FILING DATE: 2000-09-16
/ NUMBER OF SEQ ID NOS: 497
/ SEQ ID NO 110
/ LENGTH: 17
/ ORGANISM: Artificial Sequence
/ TYPE: DNA
/ FEATURES:
/ OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-760-110
Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 832 AATGAGCTCTGGCGC 848
DB 1 AATGAGATTTGTGCA 17
RESULT 773
US-10-339-782-133/C
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US/03/9782
/ GENERAL INFORMATION:
/ APPLICANT: Lynx Therapeutic, Inc.
/ TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
/ FILE REFERENCE: 37-000110US
/ CURRENT FILING DATE: 2003-01-08
/ NUMBER OF SEQ ID NOS: 495

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/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 133
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-339-782-133
Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 287 TGAAACCCCGACGATC 303
DB 17 TGAAACCCCGACGATC 1
RESULT 774
US-09-817-879-149
/ PRIOR FILING DATE: 2003-01-31
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ FILE REFERENCE: RH800-801-F
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 370
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 149
/ LENGTH: 17
/ ORGANISM: Artificial Sequence
/ TYPE: DNA
/ FEATURES:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-149
Query Match
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 611 GGGGCGTAAAGACGCC 627
DB 1 GGGGCGCCCGACGCC 17
RESULT 775
US-09-817-879-419
/ PRIOR FILING DATE: 2003-01-31
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ FILE REFERENCE: RH800-801-F
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 419
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 419
/ LENGTH: 17
/ ORGANISM: Artificial Sequence
/ TYPE: DNA
/ FEATURES:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-419
Query Match
Best Local Similarity 64.7%; Pred. No. 4.1e+02;

```

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 Qy 669 CTTCCAGACAGATCTGG 665
 Db 1 CUCGACUACACACCCUCCU 17

RESULT 776
 US-09-817-879-1292/c
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 597 GGGTGCATCTCTGG 613
 Db 17 GGGTGCATCTTTGG 1
 RESULT 777
 US-09-817-879-1474
 Sequence 1474, Application US/09817879
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: NM800-801-P
 CURRENT APPLICATION NUMBER: US/09/817,879
 NUMBER OF SEQ ID NOS: 3701-03-26
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 1292
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-1292

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 597 GGGTGCATCTCTGG 613
 Db 17 GGGTGCATCTTTGG 1
 RESULT 777
 US-09-817-879-1474
 Sequence 1474, Application US/09817879
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: NM800-801-P
 CURRENT APPLICATION NUMBER: US/09/817,879
 NUMBER OF SEQ ID NOS: 3701-03-26
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 1474
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-1474

RESULT 778
 US-09-817-879-2333/c

/ Sequence 2333, Application US/09817879
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: NM800-801-P
 CURRENT APPLICATION NUMBER: US/09/817,879
 NUMBER OF SEQ ID NOS: 3701-03-26
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 2333
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-2333

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 658 GCGATCTCCCTGTA 674
 Db 17 GCGATCTCTCTTA 1

RESULT 778
 US-09-817-879-3192
 Sequence 3192, Application US/09817879
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: NM800-801-P
 CURRENT APPLICATION NUMBER: US/09/817,879
 NUMBER OF SEQ ID NOS: 9703
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 3192
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-3192

Query Match
 Best Local Similarity 64.7%; Pred. No. 4.1e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 Qy 1212 CAGAGACCTCTGTA 1228
 Db 1 CCGACUACACCCUCCU 17
 RESULT 780
 US-09-817-879-3262
 Sequence 3262, Application US/09817879
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: NM800-801-P
 CURRENT APPLICATION NUMBER: US/09/817,879
 NUMBER OF SEQ ID NOS: 3701-03-26
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 3262
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-3262

CURRENT APPLICATION NUMBER: US/10/230, 006
 CURRENT PILLING DATE: 2002-11-18
 PRIOR APPLICATION NUMBER: US 60/315, 315
 PRIOR PILLING DATE: 2001-08-28
 NUMBER OF SEQ ID NOS: 2678
 SEQ ID NO 48
 SOFTWARE: PatentIn version 3.0
 LENGTH: 17
 TITER: RNA

US-10-230-006-169
 ORGANISM: Homo sapiens

Query Match 0.98; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1256 CCGCGCCCGGACGCC 1272
 17 CCGCGCCCGGACGCC 1

RESULT 783

Sequence 792; Application US/10230006
 Publication No. US2003019077A1
 GENERAL INFORMATION: Pharmaceutical, Inc.

APPLICANT: Pomaugh, Kelly
 APPLICANT: MCSMAGEN, JIM

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

CURRENT APPLICATION NUMBER: US/10/230, 006

CURRENT PILLING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315, 315

PRIOR PILLING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 792

LENGTH: 17

TITER: RNA

ORGANISM: Homo sapiens

US-10-230-006-792

Query Match 0.98; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 443 AGCCGCGCCCGGACGCC 459
 17 AGCCGCGCCCGGACGCC 1

RESULT 790

Sequence 793; Application US/10230006
 Publication No. US2003019077A1
 GENERAL INFORMATION: Pharmaceutical, Inc.

APPLICANT: Pomaugh, Kelly
 APPLICANT: MCSMAGEN, JIM

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

CURRENT APPLICATION NUMBER: US/10/230, 006

CURRENT PILLING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315, 315

PRIOR PILLING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 793

LENGTH: 17

TITER: RNA

ORGANISM: Homo sapiens

US-10-230-006-793

Query Match 0.98; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 442 AGCCGCGCCCGGACGCC 458
 17 AGCCGCGCCCGGACGCC 1

RESULT 791

Sequence 1393; Application US/10230006
 Publication No. US2003019077A1
 GENERAL INFORMATION: Pharmaceutical, Inc.

APPLICANT: Pomaugh, Kelly
 APPLICANT: MCSMAGEN, JIM

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

CURRENT APPLICATION NUMBER: US/10/230, 006

CURRENT PILLING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315, 315

PRIOR PILLING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1393

LENGTH: 17

TITER: RNA

ORGANISM: Homo sapiens

US-10-230-006-1393

Query Match 0.98; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 320 CCGCGCCCGGACGCC 336
 17 CCGCGCCCGGACGCC 1

RESULT 792

Sequence 164; Application US/10164875C
 Publication No. US2003019867A1
 GENERAL INFORMATION: Pharmaceutical, Inc.

APPLICANT: Pomaugh, Kelly
 APPLICANT: MCSMAGEN, JIM

TITLE OF INVENTION: POLYMERIZATION COMPOSITIONS

CURRENT APPLICATION NUMBER: US/10/164, 875C

CURRENT PILLING DATE: 1999-05-26

PRIOR APPLICATION NUMBER: 09/124, 943

PRIOR PILLING DATE: 1997-08-01

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn version 3.0

SEQ ID NO 17

LENGTH: 17

TITER: RNA

ORGANISM: Homo sapiens; MDL gene

US-10-164-875C-2

Query Match 0.98; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CCGTCGATTCGACGGCC 438
DB 1 CCGTCGATTCGACGGCC 17

RESULT 793
US-10-209-787-59/c
Sequence 60, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Molec, Eric B.
APPLICANT: Rice, Michael B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
REFERENCE: Netro-4
CURRENT FILING DATE: 2002-07-30
PRIORITY FILING DATE: 2001-03-27
PRIORITY FILING DATE: 2000-03-26/60/192,176
PRIORITY FILING DATE: 2000-03-26/60/192,176
PRIORITY FILING DATE: 2000-03-26/60/192,179
PRIORITY FILING DATE: 2000-06-01/60/208,538
PRIORITY FILING DATE: 2000-06-01/60/244,989
PRIORITY FILING DATE: 2000-10-30
SOFTWARE: Friedmann macro Napcot
SEQ ID NO 59
LENGTH: 17
ORGANISM: Homo sapiens
US-10-209-787-59

Query Match 0.94; Score 12.2; DB 1; Length 17;
Matched Similarity 82.44; Pred. No. 4,1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 486 CCGGCTTTCGCGCGCG 502
1 CCGGCTTTCGCGCGCG 1

RESULT 794
US-10-209-787-60
Sequence 60, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Molec, Eric B.
APPLICANT: Rice, Michael B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
REFERENCE: Netro-4
CURRENT FILING DATE: 2002-07-30
PRIORITY FILING DATE: 2001-03-27
PRIORITY FILING DATE: 2000-03-26/60/192,176
PRIORITY FILING DATE: 2000-03-26/60/192,179
PRIORITY FILING DATE: 2000-06-01/60/208,538
PRIORITY FILING DATE: 2000-06-01/60/244,989
PRIORITY FILING DATE: 2000-10-30
SOFTWARE: Friedmann macro Napcot
SEQ ID NO 60
LENGTH: 17
TYPE: DNA

ORGANISM: Homo sapiens
US-10-209-787-60

Query Match 0.94; Score 12.2; DB 1; Length 17;
Matched Similarity 82.44; Pred. No. 4,1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 486 CCGGCTTTCGCGCGCG 502
1 CCGGCTTTCGCGCGCG 17

RESULT 795
US-10-209-787-67
Sequence 67, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Molec, Eric B.
APPLICANT: Rice, Michael B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
REFERENCE: Netro-4
CURRENT FILING DATE: 2002-07-30
PRIORITY FILING DATE: 2001-03-27
PRIORITY FILING DATE: 2000-03-26/60/192,176
PRIORITY FILING DATE: 2000-03-26/60/192,179
PRIORITY FILING DATE: 2000-06-01/60/208,538
PRIORITY FILING DATE: 2000-06-01/60/244,989
PRIORITY FILING DATE: 2000-10-30
SOFTWARE: Friedmann macro Napcot
SEQ ID NO 67
LENGTH: 17
ORGANISM: Homo sapiens
US-10-209-787-67

Query Match 0.94; Score 12.2; DB 1; Length 17;
Matched Similarity 82.44; Pred. No. 4,1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 321 CCGGCTTTCGCGCGCG 337
1 CCGGCTTTCGCGCGCG 17

RESULT 796
US-10-209-787-68/c
Sequence 68, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Molec, Eric B.
APPLICANT: Rice, Michael B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
REFERENCE: Netro-4
CURRENT FILING DATE: 2002-07-30
PRIORITY FILING DATE: 2001-03-27
PRIORITY FILING DATE: 2000-03-26/60/192,176
PRIORITY FILING DATE: 2000-03-26/60/192,179
PRIORITY FILING DATE: 2000-06-01/60/208,538
PRIORITY FILING DATE: 2000-06-01/60/244,989
PRIORITY FILING DATE: 2000-10-30
SOFTWARE: Friedmann macro Napcot
SEQ ID NO 68

PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-03-27
 NUMBER OF SEQ ID NOS: 4385-50
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 64
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-68

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 321 GCGAGCGCGGACCGCG 327
 17 GCGAGCGCGGACCGAG 1

RESULT 797

US-10-209-787-935
 Sequence 935, Application US/10209787
 Publication No. US2003021377A1
 GENERAL INFORMATION:
 APPLICANT: Maleco, Eric B.
 APPLICANT: Gamper, Howard B.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 FILE REFERENCE: Napco-4
 CURRENT FILING DATE: 2002-07-20
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-03
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 935
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-935

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1032 CCGCGCGCGGACGCG 1048
 1 CCGCGCGCGGACGCG 17

RESULT 798
 US-10-209-787-936/C
 Sequence 936, Application US/10209787
 Publication No. US2003021377A1
 GENERAL INFORMATION:
 APPLICANT: Maleco, Eric B.
 APPLICANT: Gamper, Howard B.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 FILE REFERENCE: Napco-4
 CURRENT FILING DATE: 2002-07-20
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-03
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 936
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-936

PRIOR FILING DATE: 2001-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-05-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 936
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-936

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 1032 CCGCGCGCGGACGCG 1048
 17 CCGCGCGCGGACGCG 1

RESULT 799
 US-10-209-787-1147/C
 Sequence 1147, Application US/10209787
 Publication No. US2003021377A1
 GENERAL INFORMATION:
 APPLICANT: Maleco, Eric B.
 APPLICANT: Gamper, Howard B.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 FILE REFERENCE: Napco-4
 CURRENT FILING DATE: 2002-07-20
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 1147
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-1147

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 245 TCCGCGCGGACGCG 261
 17 TCCGCGCGGACGCG 1

RESULT 800
 US-10-209-787-1148
 Sequence 1148, Application US/10209787
 Publication No. US2003021377A1
 GENERAL INFORMATION:
 APPLICANT: Maleco, Eric B.
 APPLICANT: Gamper, Howard B.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 FILE REFERENCE: Napco-4
 CURRENT FILING DATE: 2002-07-20
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Pfleiderman macro Napco4
 SEQ ID NO 1148
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-1148

```

/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Nmapro: Stranded Oligonucleotides
/ GENERAL INFORMATION
/ CURRENT APPLICATION NUMBER: US/10/209/787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ SOFTWARE: Friedman macro Nmapro4
/ SEQ ID NO 1148
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-209-787-1148
Query Match
Beat Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

246 TCCGACGAGGCGGAGATA 261
|||||
1 TCTGATCTGAGAGAGATA 17

RESULT 801
US-10-209-787-4082
/ Sequence 4082, Application US/10/209/787
/ Publication No. US2003021737A1
/ GENERAL INFORMATION
/ APPLICANT: Kaneo, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Nmapro-4
/ CURRENT APPLICATION NUMBER: US/10/209/787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ SOFTWARE: Friedman macro Nmapro4
/ SEQ ID NO 4082
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-209-787-4082
Query Match
Beat Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

504 GGTGATGATGAGAGAGATA 520
|||||
1 GGTGATGATGAGAGAGATA 17

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RESULT 802
US-10-209-787-4083/c
/ Sequence 4083, Application US/10/209/787
/ Publication No. US2003021737A1
/ GENERAL INFORMATION
/ APPLICANT: Kaneo, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Nmapro-4
/ CURRENT APPLICATION NUMBER: US/10/209/787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ SOFTWARE: Friedman macro Nmapro4
/ SEQ ID NO 4083
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-209-787-4083
Query Match
Beat Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

504 GGTGATGATGAGAGAGATA 520
|||||
17 GGTGATGATGAGAGAGATA 17

RESULT 803
US-10-322-774-15
/ Sequence 15, Application US/10/322/774
/ Publication No. US2003021877A1
/ GENERAL INFORMATION
/ APPLICANT: Lynx Therapeutics, Inc.
/ APPLICANT: Sheng, Jin
/ TITLE OF INVENTION: IDENTIFICATION OF CANDIDATE GENES FOR THE ARTHROSCLEROSIS SUSCEP
/ FILE REFERENCE: 37-000230US (LANS)
/ CURRENT APPLICATION NUMBER: US/10/322/774
/ PRIOR FILING DATE: 2000-12-17
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ SOFTWARE: Patenlin version 3.1
/ SEQ ID NO 15
/ LENGTH: 17
/ ORGANISM: Homo sapiens
US-10-322-774-15
Query Match
Beat Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0;

300 GATCGAGAGAGAGAGATA 316
|||||
1 GATCGAGAGAGAGAGATA 17

RESULT 804
US-10-060-756A-286/c
/ Sequence 286, Application US/10/060/756A

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APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

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Query Match	0.94;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.44;	Pred. No. 4,1e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels 0;
			Gaps	0;

QY 382 TTCAACACCAACGACAC 398
Db 1 TTCAACACCAACGACTC 17

RESULT 811

Sequence 666, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
FIELD OF INVENTION: HUMAN SPECIFIC HYDROGEN BONDING

ORGANISM: Homo sapiens
US-10-060-756A-666

Query Match	0.94	Score 12.2	DB 1	Length 17
Best Local Similarity	82.4%	Pred. No. 4.1e+02		
Matches 14	Conservative 0	Mismatches 3	Indels 0	Gaps 0

US-10-060-756A-687/5
Sequence 687, Application US/10060756A
GENERAL INFORMATION:
APPLICANT: Zhang, Jia
TITLE OF INVENTION: HUMAN TERTS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: P60177
CURRENT FILING DATE: 2002-10/06/0, 756A
PRIOR FILING DATE: 2001-01-30/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30/US01/00664
PRIOR APPLICATION NUMBER: US/9864, 761
PRIOR FILING DATE: 2001-05-23

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; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: AecmIca Sequence Listing Engine
; END OF SEQ ID NOS

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Query Match      0.9%; Score 12.2; DB 1; Length 17;
Beet Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy      303 CCTGAAGCGCGAGAGAC 319
Db      17 CCGAGAGCGGAGAGAC 1

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RESULT: 813 /656/-686/c
US:01-06-7564-793/c
Sequence 688, Application US/10060756A
Publication No. US2003004671A1
GENERAL INFORMATION:
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: P90177
CURRENT APPLICATION NUMBER: US/10/060,756A
PRIORITY DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecma Sequence Linting Engine
SEQ ID NO 688
SEQUENCE:
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-7564-688
Query Match
Base Local Statistic 82.4% Read, 0.41e+02;
Matches 14; Conservative 3; Indels 0; Gaps 0
Qy 302 TCGTGAAGCCGCAAG 218
I7 TCGTAAGGCCCAAGS 1

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Query Match      0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0
Q7 302 TCTTGAAAGCGCGAAG 318
Db 17 TCTTGAAAGCGCGAAG 1

```

US-81-0667-756A, 793/C
Sequence 753, Application US/10660756A
Publication No. US2030046177A1
INVENTOR: JAMES L. HAN
GROSSING, JR.
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LINE PROTEIN
FILE REFERENCE: P8017
PRIORITY CLAIMING NUMBER: US/10/060, 756A
CURRENT FILING DATE: 08/3-01-93
PRIOR APPLICATION NUMBER: PCT/US801/00667

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? APPLICANT: Zhang, Jian
? TITLE OF INVENTION: HUMAN TESTS EXPRESSED PATCHED LIKE PROTEININ?
? FILE REFERENCE: PB0177
? CURRENT APPLICATION NUMBER: US/10/060,756A
? CURRENT FILING DATE: 2002-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667

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PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30 /US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30 /US01/00668
 PRIOR FILING DATE: 2001-01-30 /US01/00663
 PRIOR FILING DATE: 2001-01-30 /984/761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 SOFTWARE: Seq ID NOS: 4804
 SOFTWARE: Seq ID NOS: 4804
 SEQ ID NO 793
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-060-756A-793

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.4e+02;
 Matches 14; Conservative 3; Mismatches 0; Gaps 0;
 Db 17 GCGGAGAACTGCTGCT 1

RESULT 815
 US-10-060-756A-1592
 Publication 1592, Application US/10060756A
 GENERAL INFORMATION:
 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 INVENTOR: Zhang, Jian
 APPLICANT: Zhang, Jian
 CURRENT APPLICATION NUMBER: US/10/060,756A
 PRIOR FILING DATE: 2001-01-30 /US01/00667
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30 /US01/00665
 PRIOR FILING DATE: 2001-01-30 /US01/00668
 PRIOR FILING DATE: 2001-01-30 /US01/00663
 PRIOR FILING DATE: 2001-05-23 /984/761
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 SOFTWARE: Seq ID NOS: 4804
 SOFTWARE: Seq ID NOS: 4804
 SEQ ID NO 1582
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-060-756A-1582

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.4e+02;
 Matches 14; Conservative 3; Mismatches 0; Gaps 0;
 Db 17 GCGGAGAACTGCTGCT 1

RESULT 816
 US-10-287-919-142
 Publication No. US2003008830A1
 GENERAL INFORMATION:
 APPLICANT: Feldman, Richard J., Global Determinants, Inc.
 INVENTOR: Feldman, Richard J., Global Determinants, Inc.
 FILE REFERENCE: Jin Degener Laboratory, 03-08-4335 genome.
 CURRENT FILING DATE: 2002-11-05
 SOFTWARE: Seq ID NOS: 2706
 SEQ ID NO 143
 LENGTH: 17
 ORGANISM: Methanococcus jannaschii complete genome.
 FEATURE:
 LOCATION: (38856)...(38872)
 OTHER INFORMATION: Chromosome = 1 Strand = negative ComputedObjectNumber = 16
 US-10-287-919-142

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 3; Mismatches 0; Gaps 0;
 Db 165 GAGGAAATGCTGCTTA 1485

RESULT 817
 US-10-211-059-165
 Publication 165, Application US/10211059
 GENERAL INFORMATION:
 APPLICANT: Zhang, Jian
 INVENTOR: Zhang, Jian
 CURRENT APPLICATION NUMBER: US/10/211,059
 PRIOR FILING DATE: 2002-08-02
 PRIOR APPLICATION NUMBER: US 60/311,034
 NUMBER OF SEQ ID NOS: 322
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 165
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-211-059-165

Query Match 0.94; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.4e+02;
 Matches 14; Conservative 3; Mismatches 0; Gaps 0;
 Db 1221 GCGGAGAACTGCTGCT 1237

RESULT 818
 US-10-211-059-166
 Publication 166, Application US/10211059
 GENERAL INFORMATION:
 APPLICANT: Zhang, Jian
 INVENTOR: Zhang, Jian
 CURRENT APPLICATION NUMBER: US/10/211,059
 PRIOR FILING DATE: 2002-08-02
 PRIOR APPLICATION NUMBER: US 60/311,034
 NUMBER OF SEQ ID NOS: 322
 SOFTWARE: Acemica Sequence Listing Engine
 SEQ ID NO 166
 LENGTH: 17
 ORGANISM: Homo sapiens
 US-10-211-059-166

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/ NUMBER OF SEQ ID NOS: 322
/ SOFTWARE: Acemica Sequence Latching Engine
/ SEQUENCE: US-10-060-895A-99/c
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-211-050-160

Query Match 0.9%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pctd. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1222 TCTGGAAGCTGCAAGCT 1238
Db 1 TCTGGAAGCTGCAAGCT 17

RESULT 819
US-10-060-895A-99/c
/ Sequence 99, Application US/10060895A
/ Publication No. US20030104403A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jilan
/ APPLICANT: Gu, Yishong
/ TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLAUCOSAMINYLTRANSFERASE 1
/ FILE REFERENCE: PRO158
/ CURRENT APPLICATION NUMBER: US/10/060, 895A
/ PRIOR FILING DATE: 2001-02-10
/ PRIOR FILING DATE: 2001-01-30 /US01/00666
/ PRIOR FILING DATE: 2001-01-30 /US01/00667
/ PRIOR FILING DATE: 2001-01-30 /US01/00664
/ PRIOR FILING DATE: 2001-01-30 /US01/00665
/ PRIOR FILING DATE: 2001-01-30 /US01/00669
/ PRIOR FILING DATE: 2001-01-30 /US01/00663
/ PRIOR FILING DATE: 2001-01-30 /US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-08-30
/ PRIOR FILING DATE: 2001-08-30
/ NUMBER OF SEQ ID NOS: 1682
/ SOFTWARE: Acemica Sequence Latching Engine
/ SEQUENCE: US-10-060-895A-99/c
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-895A-99/c

Query Match 0.9%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pctd. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 382 TTCGACGACGACGAC 398
Db 17 TTCGACGACGACGAC 1

RESULT 820
US-10-060-895A-99/c
/ Sequence 99, Application US/10060895A
/ Publication No. US20030104403A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jilan
/ APPLICANT: Gu, Yishong

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/ APPLICANT: Nguyen, Dung-Thong
/ TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLAUCOSAMINYLTRANSFERASE 1
/ FILE REFERENCE: PRO158
/ CURRENT APPLICATION NUMBER: US/10/060, 895A
/ PRIOR FILING DATE: 2001-01-30 /US01/00666
/ PRIOR FILING DATE: 2001-01-30 /US01/00667
/ PRIOR FILING DATE: 2001-01-30 /US01/00664
/ PRIOR FILING DATE: 2001-01-30 /US01/00669
/ PRIOR FILING DATE: 2001-01-30 /US01/00663
/ PRIOR FILING DATE: 2001-01-30 /US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-08-30
/ PRIOR FILING DATE: 2001-08-30
/ NUMBER OF SEQ ID NOS: 1682
/ SOFTWARE: Acemica Sequence Latching Engine
/ SEQUENCE: US-10-060-895A-99/c
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-895A-99/c

Query Match 0.9%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pctd. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 377 TCACTTCAACGACGAC 393
Db 17 TCACTTCAACGACGAC 1

RESULT 821
US-10-060-895A-99/c
/ Sequence 99, Application US/10060895A
/ Publication No. US20030104403A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jilan
/ APPLICANT: Gu, Yishong
/ TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLAUCOSAMINYLTRANSFERASE 1
/ FILE REFERENCE: PRO158
/ CURRENT APPLICATION NUMBER: US/10/060, 895A
/ PRIOR FILING DATE: 2001-01-30 /US01/00666
/ PRIOR FILING DATE: 2001-01-30 /US01/00667
/ PRIOR FILING DATE: 2001-01-30 /US01/00664
/ PRIOR FILING DATE: 2001-01-30 /US01/00669
/ PRIOR FILING DATE: 2001-01-30 /US01/00663
/ PRIOR FILING DATE: 2001-01-30 /US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-08-30
/ PRIOR FILING DATE: 2001-08-30
/ NUMBER OF SEQ ID NOS: 1682
/ SOFTWARE: Acemica Sequence Latching Engine
/ SEQUENCE: US-10-060-895A-99/c
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-895A-99/c

Query Match 0.9%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pctd. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 377 TCACTTCAACGACGAC 393
Db 17 TCACTTCAACGACGAC 1

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? PRIOR FILING DATE: 2001-08-30
? NUMBER OF SEQ ID NOS: 1662
? SOFTWARE: Aecmca Sequence Listing Engine
? SEQ ID NO 99
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Homo sapiens
US-10-060-895A-99

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Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 376 ATCACTTCACACCA 392
      |||||
Db 17 ATCAAGTTCACACCA 1

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RESULT 822
US-10-060-895A-498
; Sequence 498, Application US/10060895A
; Publication No. US20020104402A1

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! ORGANISM: Homo sapiens
US-10-060-895A-498

RESULT 823
US-10-060-998-794
! Sequence 794, Application US/10060998
! Publication No. US30030104530A1
! GENERAL INFORMATION:
! APPLICANT: Gu, Yizhong

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; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30

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Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.44; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 824
US-10-060-998-1276/c
; Sequence 1276, Application US/10060998
; Publication No. US20030104530A1

[illegible]

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Query      1504 AAGGCTCATAGGATTA 1520
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DB          17 AAGGCTCATAGGATTA 1
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Query Match      Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RES007L 925
 US/01/015352-88
 Sequence 88
 Publication NO. US20030105051A1
 GENERAL INFORMATION:
 Applicant: Novartis Pharmaceuticals, Inc.
 Title of Invention: Nucleic acid treatment of diseases or conditions related to leuc
 Title of Invention: HB2
 Current Application Number: US/10/63,552
 Current Filing Date: 2002-06-06
 Number of SEQ ID NOS: 1997

/ SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 88
 / SEQ ID NO 89
 / TYPE: RNA
 / ORGANISM: Homo sapiens
 US-10-163-552-88

Query Match
 Best Local Similarity 52.9%; DB 1; Length 17;
 Matched 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
 DB 1 GCGACCGCTGGCTGGCT 410

RESULT 826
 US-10-163-552-353/c
 / Sequence 353, Application US/10163552
 / Publication No. US20030105051A1
 / GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / APPLICANT: MGS4sgen, Jm
 / TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
 / FILE REFERENCE: MBH01-163-A (400/014)
 / CURRENT APPLICATION NUMBER: US/10/163,552
 / CURRENT FILING DATE: 2002-06-06
 / NUMBER OF SEQ ID NOS: 1997
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 353
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Homo sapiens
 US-10-163-552-353

Query Match
 Best Local Similarity 92.4%; DB 1; Length 17;
 Matched 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 1063 AGCGTCGACGCTGG 1079

RESULT 827
 US-10-163-552-414/c
 / Sequence 414, Application US/10163552
 / Publication No. US20030105051A1
 / GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / APPLICANT: MGS4sgen, Jm
 / TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
 / FILE REFERENCE: HER53-A (400/014)
 / CURRENT APPLICATION NUMBER: US/10/163,552
 / CURRENT FILING DATE: 2002-06-06
 / NUMBER OF SEQ ID NOS: 1997
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 414
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Homo sapiens
 US-10-163-552-414

Query Match
 Best Local Similarity 82.4%; DB 1; Length 17;
 Matched 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
 DB 1265 GCGATCGACGCTGG 1281

RESULT 828
 US-10-163-552-648/c
 / Sequence 648, Application US/10163552
 / Publication No. US20030105051A1
 / GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / APPLICANT: MGS4sgen, Jm
 / TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
 / FILE REFERENCE: MBH01-163-A (400/014)
 / CURRENT APPLICATION NUMBER: US/10/163,552
 / CURRENT FILING DATE: 2002-06-06
 / NUMBER OF SEQ ID NOS: 1997
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 648
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Homo sapiens
 US-10-163-552-648

Query Match
 Best Local Similarity 92.4%; DB 1; Length 17;
 Matched 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 DB 1037 GCTTCGATGCTGGATT 1053

RESULT 829
 US-10-163-552-778
 / Sequence 778, Application US/10163552
 / Publication No. US20030105051A1
 / GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / APPLICANT: MGS4sgen, Jm
 / TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
 / FILE REFERENCE: HER53-A (400/014)
 / CURRENT APPLICATION NUMBER: US/10/163,552
 / CURRENT FILING DATE: 2002-06-06
 / NUMBER OF SEQ ID NOS: 1997
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 778
 / LENGTH: 17
 / TYPE: RNA
 / ORGANISM: Homo sapiens
 US-10-163-552-778

Query Match
 Best Local Similarity 58.8%; DB 1; Length 17;
 Matched 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
 DB 921 GCTATCGTACGACGAT 937

RESULT 830
 US-10-163-552-861/c
 / Sequence 861, Application US/10163552
 / Publication No. US20030105051A1
 / GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / APPLICANT: MGS4sgen, Jm
 / TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
 / FILE REFERENCE: MBH01-163-A (400/014)
 / CURRENT APPLICATION NUMBER: US/10/163,552
 / CURRENT FILING DATE: 2002-06-06
 / NUMBER OF SEQ ID NOS: 1997
 / SOFTWARE: PatentIn version 3.0

SEQ ID NO 861
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306-1681

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;

QY 713 ACCGCGGCTTCCAGC 729
 17 ACCGCGGCTTCCAGC 1

RESULT 831
 US-10-156-306-1277/c
 Sequence 1277; Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MEM01-664-A (400/050)
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1277
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306-1277

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;

QY 1288 GAGCGTGTGTCGCC 1304
 17 GAGCGTGTGTCGCC 1

RESULT 832
 US-10-156-306-1484/c
 Sequence 1484; Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MEM01-664-A (400/050)
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1484
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306-1484

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;

QY 274 TTTCTTCTTCTCTCTCA 290
 17 TTTCTTCTTCTCTCTCA 1

RESULT 833
 US-10-156-306-1681
 Sequence 1681; Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MEM01-664-A (400/050)
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1681
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306-1681

Query Match
 Best Local Similarity 56.8%; Pred. No. 4.1e+02;
 Matches 10; Conservative 4; Indels 0; Gaps 0;

QY 653 TTTCCGCGGCTTCCAGC 669
 1 TTTCCGCGGCTTCCAGC 17

RESULT 834
 US-10-156-306-2454/c
 Sequence 2454; Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MEM01-664-A (400/050)
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 2454
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306-2454

Query Match
 Best Local Similarity 82.4%; Pred. No. 4.1e+02;
 Matches 14; Conservative 3; Indels 0; Gaps 0;

QY 1311 CTGGTGTCTCAAGCG 1327
 17 CTGGTGTCTCAAGCG 1

RESULT 835
 US-10-156-306-4934/c
 Sequence 4934; Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MEM01-664-A (400/050)
 TITLE OF INVENTION: Brønsted Nucleic Acid Treatment of Diseases or Conditions Relate
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 4934


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/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-6824

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 CACTATGCCGACGACT 1409
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DB 17 CTTCTGCCGACGACT 1

RESULT 841
US-10-157-580A-13/
US-10-156-306-6824
Public ID: US0200301245.1A1A
GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceutical, Inc.
/ APPLICANT: Mesosagen, Jm
/ APPLICANT: Ribozyme Pharmaceutical, Inc.
/ TITLE OF INVENTION: Ribozyme Nucleic Acid Treatment of Diseases or Condi
/ FILE REFERENCE: M8B01-665-A (400/051)
/ CURRENT APPLICATION NUMBER: US/10/157,580A
/ PRIORITY DATE: 1998-08-30
/ NUMBER OF SEQ ID NOS: 170
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 13
/ SEQ ID NO 14
/ SEQ ID NO 15
/ TYPE: RNA
/ ORGANISM: Human immunodeficiency virus
US-10-157-580A-13

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 398 CCGGCGCGGCGCGCG 414
    |||||
DB 17 CCGAGTCGCGCGCG 1

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Search completed, December 17, 2003, 11:24:49
 Job time : 16 secs

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108	1.2	1.0	20	US-09-428-584-20	Sequence 20, App	101	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
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112	1.2	1.0	20	US-09-248-386-22	Sequence 22, App	105	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
113	1.2	1.0	20	US-09-629-615-37	Sequence 29, App	106	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
114	1.2	1.0	20	US-09-659-793-72	Sequence 29, App	107	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
115	1.2	1.0	20	US-09-295-553-2	Sequence 2, App	108	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
116	1.2	1.0	20	US-09-702-337-83	Sequence 83, App	109	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
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119	1.2	1.0	20	US-09-705-287A-147	Sequence 147, App	112	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
120	1.2	1.0	20	US-09-985-090-20	Sequence 20, App	113	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
121	1.2	1.0	20	US-09-985-090-20	Sequence 20, App	114	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
122	1.4	1.0	17	US-09-705-287A-164	Sequence 164, App	115	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
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124	1.4	1.0	17	US-09-985-090-20	Sequence 20, App	117	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
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127	1.4	1.0	19	US-09-143-212-17	Sequence 14, App	120	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
128	1.4	1.0	19	US-09-143-212-17	Sequence 14, App	121	11.2	0.9	18	US-09-101-059-21	Sequence 21, App
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132	1.8	1.0	17	US-09-651-011A-46	Sequence 46, App	125	11.8	0.9	16	US-08-292-620A-1593	Sequence 1593, App
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144	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	137	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
145	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	138	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
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147	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	140	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
148	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	141	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
149	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	142	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
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151	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	144	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
152	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	145	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
153	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	146	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
154	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	147	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
155	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	148	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
156	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	149	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
157	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	150	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
158	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	151	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
159	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	152	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
160	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	153	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
161	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	154	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
162	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	155	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
163	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	156	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
164	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	157	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
165	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	158	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
166	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	159	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
167	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	160	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
168	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	161	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
169	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	162	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
170	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	163	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
171	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	164	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
172	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	165	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
173	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	166	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
174	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	167	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
175	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	168	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
176	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	169	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
177	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	170	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
178	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	171	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
179	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	172	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
180	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	173	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
181	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	174	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
182	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	175	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
183	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	176	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
184	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	177	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
185	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	178	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
186	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	179	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
187	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	180	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
188	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	181	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
189	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	182	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
190	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	183	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
191	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	184	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
192	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	185	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
193	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	186	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
194	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	187	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
195	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	188	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
196	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	189	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
197	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	190	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
198	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	191	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
199	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	192	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
200	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	193	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
201	1.8	1.0	18	US-08-819-288-7	Sequence 7, App	194	11.8	0.9	17	US-08-435-658-584	Sequence 584, App
202	1.8	1.0	18	US-08-819-288-7	Sequence 7, App						

C 399	12	0.8	17	1	US-09-005-298-12	Sequence 12, App1
C 400	12	0.8	17	1	US-09-005-298-12	Sequence 12, App1
C 401	12	0.8	17	1	US-08-768-619-12	Sequence 12, App1
C 402	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 403	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 404	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 405	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 406	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
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C 408	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 409	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
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C 411	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 412	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
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C 457	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 458	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 459	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 460	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 461	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 462	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 463	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 464	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 465	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 466	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 467	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 468	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 469	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 470	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1
C 471	12	0.8	17	1	US-09-321-722n-398	Sequence 25, App1

ALIGNMENTS

RESULT 1
 US-09-322-894-93
 Sequence 39, App1
 GENERAL INFORMATION:
 APPLICANT: Action, Susan L.
 TITLE OF INVENTION: SR-81 NUCLEAR ACIDS AND USES THEREFOR
 CURRENT PENDING DATE: 1998-02-27
 EXPIRATION DATE: 1997-07-10
 NUMBER OF SEQ: 2
 SOFTWARE: Patentm Ver. 2.0
 SEQ ID NO 93

/ COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA: US/08/890,980
 / APPLICATION NUMBER: 10-JUL-1997
 / FILING DATE: 10-JUL-1997
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Arnold, Beth E.
 / REGISTRATION NUMBER: 35,430
 / REFERENCE/DOCKET NUMBER: MIA-005.01
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 617-632-7000
 / TELEFAX: 617-632-7000
 / INFORMATION FOR SEQ ID NO: 70:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 31 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / MODIFIER: other nucleic acid
 / DESCRIPTION: /desc = "probe"
 / US-08-890-980-70

 Query Match 2.1%; Score 29.4; DB 1; Length 31;
 / Sequence Similarity 96.8%; Pred. No. 2;
 / Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 1134
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 31

 / RESULT 5
 / US-08-890-980-72/C
 / Sequence 72, Application US/08890980
 / Patent No. 599141
 / GENERAL INFORMATION:
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA: US/08/890,980
 / APPLICATION NUMBER: 10-JUL-1997
 / FILING DATE: 10-JUL-1997
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Arnold, Beth E.
 / REGISTRATION NUMBER: 35,430
 / REFERENCE/DOCKET NUMBER: MIA-005.01
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 617-632-7000
 / TELEFAX: 617-632-7000
 / INFORMATION FOR SEQ ID NO: 72:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 31 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / MODIFIER: other nucleic acid
 / DESCRIPTION: /desc = "probe"
 / US-08-890-980-72

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 / Sequence Similarity 96.8%; Pred. No. 2;
 / Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 1134
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 31

 / RESULT 7
 / US-08-890-980-74
 / Sequence 74, Application US/08890980
 / Patent No. 599141
 / GENERAL INFORMATION:
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA: US/08/890,980
 / APPLICATION NUMBER: 10-JUL-1997
 / FILING DATE: 10-JUL-1997
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Arnold, Beth E.
 / REGISTRATION NUMBER: 35,430
 / REFERENCE/DOCKET NUMBER: MIA-005.01
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 617-632-7000
 / TELEFAX: 617-632-7000
 / INFORMATION FOR SEQ ID NO: 74:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 31 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / MODIFIER: other nucleic acid
 / DESCRIPTION: /desc = "probe"
 / US-08-890-980-74

 Query Match 2.1%; Score 29.4; DB 1; Length 31;
 / Sequence Similarity 96.8%; Pred. No. 2;
 / Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 1134
 / 1 TCACTTCCTCAACCCGACCCGCTTCGCGA 31

 / RESULT 8
 / US-08-890-980-75
 / Sequence 68, Application US/0903894
 / Patent No. 610041
 / GENERAL INFORMATION:
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA: US/09/032,894
 / APPLICATION NUMBER: 1998-07-50
 / FILING DATE: 1997-07-50
 / EARLIER FILING DATE: 1997-07-50
 / NUMBER OF SEQ ID NOS: 121

NUMBER OF SEQ ID NOS: 121
 / OFFMARK: Patentn Ver. 2.0
 / SEQ ID NOS: 121
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-68

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 31 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1

RESULT 14
 US-09-031-626-70
 / Sequence 70; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 70 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-70

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 1 TCACTTCCTCAACCCCAACCCCGATTTCGCA 31

RESULT 15
 US-09-031-626-72
 / Sequence 72; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 72 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-72

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 1 TCACTTCCTCAACCCCAACCCCGATTTCGCA 31

RESULT 16
 US-09-031-626-74
 / Sequence 74; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 74 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-74

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 1 TCACTTCCTCAACCCCAACCCCGATTTCGCA 31

Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 31 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1

RESULT 17
 US-09-031-626-109
 / Sequence 109; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 74 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-74

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACTTCCTCAACCCCAACCCCGATTTCGCA 1134
 Db 1 TCACTTCCTCAACCCCAACCCCGATTTCGCA 31

RESULT 18
 US-09-031-626-107
 / Sequence 107; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 107 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-109

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 457 GAGAGCGACATCTGCTGATCCCAATCC 487
 Db 1 GAGAGCGACATCTGCTGATCCCAATCC 31

RESULT 19
 US-09-031-626-107
 / Sequence 107; Application US/09031626
 / Patent No. 6228581
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan L.
 / TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
 / FILE REFERENCE: MIA-005.04
 / CURRENT APPLICATION NUMBER: US/09/031.626
 / EARLIER FILING DATE: 1997-07-10
 / NUMBER OF SEQ ID NOS: 121
 / SEQ ID NO 107 Patentn Ver. 2.0
 / LENGTH: 31
 / TYPE: DNA
 / ORGANISM: Human
 US-09-031-626-109

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 457 GAGAGCGACATCTGCTGATCCCAATCC 487
 Db 1 GAGAGCGACATCTGCTGATCCCAATCC 31


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/ Sequence 112, Application US/09032894
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: MIA-005.03 US/09/032.894
/ CURRENT FILING DATE: 1998-02-27
/ EARLIER APPLICATION NUMBER: 08/890.980
/ INVENTOR: Acton, Susan L.
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 112
/ LENGTH: 21
/ ORGANISM: Human
US-09-032-894-112

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 462 CACTGACCTGATGACCCCA 482
1 CACTGACCTGATGACCCCA 21

RESULT 34
US-09-031-626-108
/ Sequence 108, Application US/0901626
/ Patent No. 6228581
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE REFERENCE: MIA-005.04 US/09/031.626
/ CURRENT FILING DATE: 1998-02-27
/ EARLIER APPLICATION NUMBER: 08/890.979
/ INVENTOR: Acton, Susan L.
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 108
/ LENGTH: 21
/ ORGANISM: Human
US-09-031-626-108

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 29;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 462 CACTGACCTGATGACCCCA 482
1 CACTGACCTGATGACCCCA 21

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/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 112
/ LENGTH: 21
/ ORGANISM: Human
US-09-031-626-112

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 462 CACTGACCTGATGACCCCA 482
1 CACTGACCTGATGACCCCA 21

RESULT 35
US-08-890-980-67/c
/ Sequence 67, Application US/08890980
/ Patent No. 5598141
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
/ FILE REFERENCE: MIA-005.03 US/08/890.980
/ CURRENT FILING DATE: 1998-02-27
/ EARLIER APPLICATION NUMBER: 08/890.980
/ INVENTOR: Acton, Susan L.
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 67
/ LENGTH: 21
/ ORGANISM: Human
US-08-890-980-67/c

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 37;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 1109 TCTGACGCGGACCGCGGT 1188
20 TCTGACGCGGACCGCGGT 1

RESULT 37
US-08-890-980-69
/ Sequence 69, Application US/08890980
/ Patent No. 5598141
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR

```

NUMBER OF SEQUENCES: 86
 INFORMATION: US/08/890/980
 ADDRESSER: POLY, HONG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM: disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/890/980
 APPLICATION NUMBER: US/08/890/980
 FILING DATE: 10-JUL-1997
 CLASSIFICATION: 435
 NAME: ARNOLD, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MIN-005.01
 TELEPHONE: 617-832-7000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 69:
 SOURCE: US/08/890/980
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STANDARDS: single
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe"
 US-08-890-980-69

Query Match 1.3% Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1109 TCTTCACACCCACCCCGGTT 1128
 DB 1 TCTTCACACCCACCCCGGTT 20

RESULT 28
 US-08-890-980-71/c
 INFORMATION: US/08/890/980
 ADDRESSER: POLY, HONG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM: disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/890/980
 APPLICATION NUMBER: US/08/890/980
 FILING DATE: 10-JUL-1997
 CLASSIFICATION: 435
 NAME: ARNOLD, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MIN-005.01
 TELEPHONE: 617-832-7000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 71:
 SOURCE: US/08/890/980
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STANDARDS: single
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe"
 US-08-890-980-71

Query Match 1.3% Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1109 TCTTCACACCCACCCCGGTT 1128
 DB 1 TCTTCACACCCACCCCGGTT 20

TELEFAX: 617-832-7000
 INFORMATION: US/08/890/980
 ADDRESSER: POLY, HONG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM: disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/890/980
 APPLICATION NUMBER: US/08/890/980
 FILING DATE: 10-JUL-1997
 CLASSIFICATION: 435
 NAME: ARNOLD, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MIN-005.01
 TELEPHONE: 617-832-7000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 73:
 SOURCE: US/08/890/980
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STANDARDS: single
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe"
 US-08-890-980-73

Query Match 1.3% Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1109 TCTTCACACCCACCCCGGTT 1128
 DB 1 TCTTCACACCCACCCCGGTT 20

RESULT 30
 US-08-890-980-67/c
 INFORMATION: US/08/890/980
 ADDRESSER: POLY, HONG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM: disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/890/980
 APPLICATION NUMBER: US/08/890/980
 FILING DATE: 10-JUL-1997
 CLASSIFICATION: 435
 NAME: ARNOLD, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MIN-005.01
 TELEPHONE: 617-832-7000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 67:
 SOURCE: US/08/890/980
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STANDARDS: single
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe"
 US-08-890-980-67

Query Match 1.3% Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1109 TCTTCACACCCACCCCGGTT 1128
 DB 1 TCTTCACACCCACCCCGGTT 20

RESULT 30
 US-08-890-980-67/c
 INFORMATION: US/08/890/980
 ADDRESSER: POLY, HONG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM: disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/890/980
 APPLICATION NUMBER: US/08/890/980
 FILING DATE: 10-JUL-1997
 CLASSIFICATION: 435
 NAME: ARNOLD, Beth E.
 REGISTRATION NUMBER: 35,430
 REFERENCE/DOCKET NUMBER: MIN-005.01
 TELEPHONE: 617-832-7000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 67:
 SOURCE: US/08/890/980
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STANDARDS: single
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe"
 US-08-890-980-67

Query Match 1.3% Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1109 TCTTCACACCCACCCCGGTT 1128
 DB 1 TCTTCACACCCACCCCGGTT 20

Patent No. 6130041
 GENERAL INFORMATION:
 TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: MIA-005.03
 CURRENT APPLICATION NUMBER: US/09/032,894
 EARLIER APPLICATION NUMBER: 08/890,980
 EARLIER FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO 67
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Human
 US-09-032-894-07

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 1

DB 20 TCTCAACGCCACCCCGGTT 1

RESULT 31
 US-09-032-894-69
 Sequence 69; Application US/09032894
 Patent No. 6130041
 GENERAL INFORMATION:
 TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: MIA-005.03
 CURRENT APPLICATION NUMBER: US/09/032,894
 EARLIER FILING DATE: 1998-02-27
 EARLIER FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO 69
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Human
 US-09-032-894-69

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 20

DB 1 TCTCAACGCCACCCCGGTT 20

RESULT 32
 US-09-032-894-71/c
 Sequence 71; Application US/09032894
 Patent No. 6130041
 GENERAL INFORMATION:
 TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: MIA-005.04
 CURRENT APPLICATION NUMBER: US/09/032,894
 EARLIER APPLICATION NUMBER: 08/890,980
 EARLIER FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO 71
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Human
 US-09-032-894-71

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 20

DB 1 TCTCAACGCCACCCCGGTT 20

US-09-032-894-71
 Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 1

DB 20 TCTCAACGCCACCCCGGTT 1

RESULT 33
 US-09-032-894-73
 Sequence 73; Application US/09032894
 Patent No. 6130041
 GENERAL INFORMATION:
 TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
 FILE REFERENCE: MIA-005.03
 CURRENT APPLICATION NUMBER: US/09/032,894
 EARLIER FILING DATE: 1998-02-27
 EARLIER FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO 73
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Human
 US-09-032-894-73

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 20

DB 1 TCTCAACGCCACCCCGGTT 20

RESULT 34
 US-09-031-626-67/c
 Sequence 67; Application US/09031626
 Patent No. 6128581
 GENERAL INFORMATION:
 TITLE OF INVENTION: CARBOXYLIC ACIDS AND KITS FOR BODY MASS AND
 APPLICANT: Acton, Susan L.
 FILE REFERENCE: MIA-005.04
 CURRENT APPLICATION NUMBER: US/09/031,626
 EARLIER APPLICATION NUMBER: 08/890,979
 EARLIER FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 121
 SEQ ID NO 67
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Human
 US-09-031-626-67

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 37;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 1109 TCTCAACGCCACCCCGGTT 1128
 20 TCTCAACGCCACCCCGGTT 1

DB 20 TCTCAACGCCACCCCGGTT 1


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/ ORGANISM: Human
US-09-032-894-106
Query Match
Best Local Similarity 1.2% Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

462 CACGACATCCATCCATCCCA 1
DB 21 CCGTCAATCCATCCATCCCA 1

RESULT 40
US-09-032-894-110/c
/ Sequence 110, Application US/09032894
/ Sequence 110, Application US/09032894
/ GENERAL INFORMATION:
/ APPLICANT: Accom, Susan L.
/ TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
/ FILING DATE: 1998-02-27
/ CURRENT APPLICATION NUMBER: US/09/032,894
/ EARLIER APPLICATION NUMBER: 09/890,980
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 110
/ LENGTH 21
/ TYPE: DNA
/ ORGANISM: Human
US-09-032-894-110
Query Match
Best Local Similarity 1.2% Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

462 CACGACATCCATCCATCCCA 1
DB 21 CCGTCAATCCATCCATCCCA 1

RESULT 41
US-09-031-626-106/c
/ Sequence 106, Application US/09031626
/ Patent No. 6228581
/ APPLICANT: Accom, Susan L.
/ APPLICANT: Oxydovae, Jose M.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILE DEPOSITION DATE: 1998-02-27
/ CURRENT APPLICATION NUMBER: US/09/031,626
/ EARLIER APPLICATION NUMBER: 09/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 106
/ LENGTH 21
/ TYPE: DNA
/ ORGANISM: Human
US-09-031-626-106
Query Match
Best Local Similarity 1.2% Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

462 CACGACATCCATCCATCCCA 1
DB 21 CCGTCAATCCATCCATCCCA 1

RESULT 42

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```

US-09-031-626-110/c
/ Sequence 110, Application US/09031626
/ Patent No. 6228581
/ APPLICANT: Accom, Susan L.
/ APPLICANT: Oxydovae, Jose M.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
/ FILING DATE: 1998-02-27
/ CURRENT APPLICATION NUMBER: US/09/031,626
/ EARLIER APPLICATION NUMBER: 09/890,979
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 110
/ LENGTH 21
/ TYPE: DNA
/ ORGANISM: Human
US-09-031-626-110
Query Match
Best Local Similarity 1.2% Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

462 CACGACATCCATCCATCCCA 1
DB 21 CCGTCAATCCATCCATCCCA 1

RESULT 43
US-08-459-998-61/c
/ Sequence 61, Application US/08459998
/ Patent No. 5994076
/ APPLICANT: Genentech, Alex
/ APPLICANT: Genentech, Alex
/ APPLICANT: Biilashvili, Robert
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 1375
/ CORRESPONDENCE ADDRESSES:
/ ADDRESS: John K. Richardson, P.C.
/ PHONE: 720 360 Hill Road, Suite 100
/ CITY: Menlo Park
/ STATE: CA
/ COUNTRY: US
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: PatentIn Ver. 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/459,998
/ FILING DATE: 21-MAY-1997
/ PRIORITY DATE: 21-MAY-1997
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER:
/ FILING DATE: INFORMATION:
/ NAME: FIELD: BSEQ: 8
/ REGISTRATION NUMBER: 37,620
/ REFERENCE/POCKET NUMBER: 0906/002001
/ TELEPHONE: 415-854-0975
/ TELEFAX: 415-854-0975
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 61
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear

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MOLECULE TYPE: DNA
 PATENT NO.: 6483455
 OTHER INFORMATION: oligonucleotide primer
 US-08-859-998-61

Query Match 1.2% Score 17.8; DB 1; Length 24;
 Best Local Similarity 90.5%; Pctd. No. 86;

Matches 19; Conservative 2; Indels 0; Gaps 0;

706 AACCTCCCTCCCTCCCTCCCTC 726
 DB 21 AACCTCCCTCCCTCCCTCCCTC 1

RESULT 44

US-09-225-928-61/c
 Sequence 61, Application US/09225928

PATENT NO.: 6483455
 OTHER INFORMATION:

APPLICANT: Chemchik, Alex
 Jochims, George

TITLE OF INVENTION: METHOD OF ASAYING DIFFERENTIAL
 NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS: Richardson, P.C.
 STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park
 STATE: CA
 COUNTRY: US

ZIP: 94025

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette

OPERATING SYSTEM: IBM Compatible
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA: US/09/225, 928
 FILING DATE: 05-Jan-1999

CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA: 08/859, 998

FILING DATE: 21-May-1997

ATTORNEY/AGENT INFORMATION: 37,620
 NAME: Field, Bruce R.

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-322-5070

INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
 TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURES INFORMATION: oligonucleotide primer
 SEQUENCE DESCRIPTION: SEQ ID NO: 61:

US-09-225-928-61

Query Match 1.2% Score 17.8; DB 1; Length 24;
 Best Local Similarity 90.5%; Pctd. No. 86;

Matches 19; Conservative 2; Indels 0; Gaps 0;

706 AACCTCCCTCCCTCCCTCCCTC 726
 DB 21 AACCTCCCTCCCTCCCTCCCTC 1

RESULT 45

US-09-225-201B-61/c
 Sequence 61, Application US/09225201B

PATENT NO.: 6483455
 OTHER INFORMATION:

APPLICANT: Chemchik, Alex
 Jochims, George

TITLE OF INVENTION: METHOD OF ASAYING DIFFERENTIAL
 NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS: Richardson, P.C.
 STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park
 STATE: CA
 COUNTRY: US

ZIP: 94025

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette

OPERATING SYSTEM: IBM Compatible
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA: US/09/225, 201B
 FILING DATE: 05-Jan-1999

CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA: 08/859, 998

FILING DATE: 21-May-1997

ATTORNEY/AGENT INFORMATION: 37,620
 NAME: Field, Bruce R.

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-322-5070

INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
 TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURES INFORMATION: oligonucleotide primer
 SEQUENCE DESCRIPTION: SEQ ID NO: 61:

US-09-225-201B-61

Query Match 1.2% Score 17.8; DB 1; Length 24;
 Best Local Similarity 90.5%; Pctd. No. 86;

Matches 19; Conservative 2; Indels 0; Gaps 0;

706 AACCTCCCTCCCTCCCTCCCTC 726
 DB 21 AACCTCCCTCCCTCCCTCCCTC 1

RESULT 46

US-09-622-978-11276/c
 Sequence 61, Application US/09422978

PATENT NO.: 6537748
 OTHER INFORMATION:

APPLICANT: Cohen, Daniel
 Blumenthal, Mita

TITLE OF INVENTION: BALISTIC MASTERS FOR USE IN CONSTRUCTING A HIGH DENSITY...

CURRENT APPLICATION NUMBER: US/09/422, 978
 FILING DATE: 05-Jan-1999

CLASSIFICATION: G06F 020CPI
 PRIOR APPLICATION NUMBER: US 09/289, 850

FILING DATE: 1999-04-21

ATTORNEY/AGENT INFORMATION: US 60/109, 732
 NAME: Field, Bruce R.

REFERENCE/DOCKET NUMBER: 1590-11-25

Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1288 GAGCCTGTGCTCTCG 1302
4 GAGCCTGTGCTCTCG 18

DB 1288 GAGCCTGTGCTCTCG 1302
4 GAGCCTGTGCTCTCG 18

RESULT 61
US-09-038-637-20/C
Sequence 20; Application US/09038637
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASM BY ANALYSIS OF SALIVA
CORRESPONDENCE ADDRESS 195
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
STATE: CA 06116
COUNTRY: USA

ZIP: 95037
COMPUTER READABLE FORM:
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Parsed for Windows Version 2.0b
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
NAME: /HALL, INFORMATION:
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELEPHONE: 619/678-5090
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
TYPE: nucleic acid
STRANDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: Genomic DNA

US-09-038-637-20

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1288 GAGCCTGTGCTCTCG 1302
17 GAGCCTGTGCTCTCG 3

RESULT 62
US-09-038-637-52
Sequence 52; Application US/09038637
Patent No. 6233410
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASM BY ANALYSIS OF SALIVA
CORRESPONDENCE ADDRESS: 195
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla

STATE: CA
COUNTRY: USA
ZIP: 95037
COMPUTER READABLE FORM:
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Parsed for Windows Version 2.0b
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
NAME: /HALL, INFORMATION:
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELEPHONE: 619/678-5090
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
TYPE: nucleic acid
STRANDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: Genomic DNA

US-09-038-637-52

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1288 GAGCCTGTGCTCTCG 1302
4 GAGCCTGTGCTCTCG 18

DB 1288 GAGCCTGTGCTCTCG 1302
4 GAGCCTGTGCTCTCG 18

RESULT 63
US-09-068-733-20/C
Sequence 20; Application US/08068733
Patent No. 6291163
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: PROLIFERATION DISORDERS
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Parsed for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/968,733
FILING DATE: 28-AUG-1997
APPLICATION NUMBER: 06/025,805
FILING DATE: 28-AUG-1996
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/097001
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-6070
 TERENCE: 619/678-6099
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLSCULE TYPE: Genomic DNA
 US-08-968-733-20

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1,4e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1288 GAGCGTGGTGGCTGG 1302
 17 GAGCGTGGTGGCTGG 3

RESULT 64
 US-08-968-733-52
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLSCULE TYPE: Genomic DNA
 US-08-968-733-52

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1,4e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1288 GAGCGTGGTGGCTGG 1302
 4 GAGCGTGGTGGCTGG 18

RESULT 65

US-08-164-764-20/C
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLSCULE TYPE: Genomic DNA
 US-08-164-764-20

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1,4e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1288 GAGCGTGGTGGCTGG 1302
 17 GAGCGTGGTGGCTGG 3

RESULT 66
 US-08-164-764-40
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLSCULE TYPE: Genomic DNA
 US-08-164-764-40

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1,4e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1288 GAGCGTGGTGGCTGG 1302
 17 GAGCGTGGTGGCTGG 3

RESULT 67
 US-08-164-764-40
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLSCULE TYPE: Genomic DNA
 US-08-164-764-40

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1,4e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1288 GAGCGTGGTGGCTGG 1302
 17 GAGCGTGGTGGCTGG 3

```

1 STREET: 1880 Century Park East, Suite 500
2 CITY: Los Angeles
3 STATE: CA
4 COUNTRY: USA
5 ZIP: 90067
6
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: Diskette
9 MEDIUM: 5 1/4" High Density
10 OPERATING SYSTEM: DOS
11 SOFTWARE: FASTSEQ Version 1.1
12
13 CURRENT APPLICATION DATA:
14 APPLICATION NUMBER: US/09/164,764
15 PCT: US95-11233-40
16 CLASSIFICATION: (unknown)
17
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US/08/854,727
20 PCT: US95-11233-40
21 FILING DATE: 31-AUG-1994
22 APPLICATION NUMBER: 08/299,477
23
24 APPLICATION NUMBER: (unknown)
25 PCT: US95-11233-40
26 FILING DATE: 31-AUG-1994
27
28 ATTORNEY/AGENT INFORMATION:
29 NAME: Tamarin, Ph.D., Lisa A.
30 REGISTRATION NUMBER: P-38,347
31 TELECOMMUNICATION INFORMATION:
32 TELEPHONE: 619-485-5100
33 TELEFAX: 619-485-5110
34
35 INFORMATION:
36 SEQUENCE CHARACTERISTICS:
37 LENGTH: 20 base pairs
38 TYPE: nucleic acid
39 TOPOLOGY: linear
40 MOLECULE TYPE: cDNA
41 HYPOTHECAL: NO
42
43 SEQUENCE:
44 FRAGMENT TYPE: (unknown)
45
46 ORIGINAL SOURCE:
47 SEQUENCE DESCRIPTION: SEQ ID NO: 40:
48 US-09-164-764-40
49
50 Query Match 1.1% Score 15; DB 1; Length 20;
51 Beat Local Similarity 100.0%; Pred. No. 1,4e+02;
52 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
53
54 1288 GAGCTCGGTCCTCG 1302
55 ||||||||
56 DB 4 GAGCTCGGTCCTCG 18
57
58 RESULT 67
59 PCT-US95-11233-40/C
60 Sequence 20 Application PC/TUS9511233
61 GENE: HSP70
62 APPLICANT: THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE
63 TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
64 NUMBER OF SEQUENCES: 40
65 CORRESPONDENCE ADDRESSES:
66 STREET: 4225 Executive Square, Suite 1400
67 CITY: La Jolla
68 STATE: CA
69 COUNTRY: USA
70 ZIP: 92037
71
72 COMPUTER READABLE FORM:
73 OPERATING SYSTEM: DOS
74 SOFTWARE: FASTSEQ Version 1.1
75 OPERATING SYSTEM: DOS
76 SOFTWARE: FASTSEQ Version 1.1
77 CURRENT APPLICATION DATA:
78 APPLICATION NUMBER: PCT/US95/11233
79 PCT: US95-11233-40
80 CLASSIFICATION:
81 PRIOR APPLICATION DATA:
82 APPLICATION NUMBER:
83 ATTORNEY/AGENT INFORMATION:
84 NAME:
85 REGISTRATION NUMBER:
86 TELECOMMUNICATION INFORMATION:
87 TELEPHONE:
88 TELEFAX:
89
90 INFORMATION FOR SEQ ID NO: 40:
91 SEQUENCE CHARACTERISTICS:
92 LENGTH: 20 base pairs
93 TYPE: nucleic acid

```

```

1 FILING DATE: 31-AUG-1995
2 CLASSIFICATION:
3 PRIOR APPLICATION DATA:
4 FILING DATE:
5 FILING NUMBER:
6
7 ATTORNEY/AGENT INFORMATION:
8 NAME: Hallie, Ph.D., Lisa A.
9 REGISTRATION NUMBER: 38,347
10 TELECOMMUNICATION INFORMATION:
11 TELEPHONE: 619-678-5070
12 TELEFAX: 619-678-5099
13
14 INFORMATION FOR SEQ ID NO: 20:
15 SEQUENCE CHARACTERISTICS:
16 LENGTH: 20 base pairs
17 TYPE: nucleic acid
18 TOPOLOGY: linear
19 MOLECULE TYPE: cDNA
20 HYPOTHECAL: NO
21 FRAGMENT TYPE:
22
23 ORIGINAL SOURCE:
24 PCT-US95-11233-40
25
26 Query Match 1.1% Score 15; DB 1; Length 20;
27 Beat Local Similarity 100.0%; Pred. No. 1,4e+02;
28 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
29
30 1288 GAGCTCGGTCCTCG 1302
31 ||||||||
32 DB 17 GAGCTCGGTCCTCG 3
33
34 RESULT 68
35 PCT-US95-11233-40
36 Sequence 40 Application PC/TUS9511233
37 GENE: HSP70
38 APPLICANT: THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE
39 TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
40 NUMBER OF SEQUENCES: 40
41 CORRESPONDENCE ADDRESSES:
42 STREET: 4225 Executive Square, Suite 1400
43 CITY: La Jolla
44 STATE: CA
45 COUNTRY: USA
46 ZIP: 92037
47
48 COMPUTER READABLE FORM:
49 MEDIUM TYPE: Diskette
50 OPERATING SYSTEM: DOS
51 SOFTWARE: FASTSEQ Version 1.1
52 OPERATING SYSTEM: DOS
53 SOFTWARE: FASTSEQ Version 1.1
54 CURRENT APPLICATION DATA:
55 APPLICATION NUMBER: PCT/US95/11233
56 PCT: US95-11233-40
57 CLASSIFICATION:
58 PRIOR APPLICATION DATA:
59 APPLICATION NUMBER:
60 ATTORNEY/AGENT INFORMATION:
61 NAME: Hallie, Ph.D., Lisa A.
62 REGISTRATION NUMBER: 38,347
63 TELECOMMUNICATION INFORMATION:
64 TELEPHONE: 619-678-5070
65 TELEFAX: 619-678-5099
66
67 INFORMATION FOR SEQ ID NO: 40:
68 SEQUENCE CHARACTERISTICS:
69 LENGTH: 20 base pairs
70 TYPE: nucleic acid

```


QY 172 GCGATTCACGCGGCGTC 189
DB 18 GCGATTCACGCGGCGTC 1

RESULT 73

US-09-422-978-9511

Sequence 9511, Application US/09422978

Patent No. 6537731

Applicant: Blumenthal, Marta

Applicant: Cohen, Daniel

Applicant: Blumenthal, Marta

Applicant: Blumenthal, Marta

Applicant: Blumenthal, Marta

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Applicant: Blumenthal, Marta

Applicant: Blumenthal, Marta

REFERENCE/DOCKET NUMBER: 22000.0049
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 45
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDNESS: double
MOLECULE TYPE: DNA (genomic)

US-08-650-528-45

Query Match

Best Local Similarity 88.9%; P-adj. 1.5e-02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCGATTCACGCGGCGTC 1542
DB 20 GCGATTCACGCGGCGTC 3

RESULT 75

US-08-650-528-46/c

Sequence 46, Application US/08650528

Patent No. 5780270

Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

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Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

Applicant: MILLER, GERALDINE G.

RESULT 76
 US-09-060-584-47/c
 Sequence 47, Application US/08650528
 Patent No. 5780278
 GENERAL INFORMATION:
 APPLICANT: PERK, JR, RICHARD M.
 APPLICANT: BLASER, MARTIN J.
 APPLICANT: THOMPSON, STUART A.
 NUMBER OF SEQUENCES: 101
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 STREET: Suite 1200, 127 Peachtree Street
 CITY: Atlanta
 STATE: Georgia
 COUNTRY: USA
 ZIP: 30303
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/650,528
 FILING DATE: 1995-08-15
 ATTORNEY/AGENT INFORMATION:
 NAME: Spratt, Gwendolyn D.
 REGISTRATION NUMBER: 36,016
 REFERENCE/DOCKET NUMBER: 22000, 0049
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 INFORMATION FOR SEQ ID NO: 47:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 MOLECULE TYPE: DNA (genomic)
 Query Match
 Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
 Matches 16; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 Db 18 GCATCAACAGCTACTT 1
 RESULT 77
 US-09-060-584-45/c
 Sequence 45, Application US/09060584
 Patent No. 6004195
 GENERAL INFORMATION:
 APPLICANT: MILLER, GERALDINE G.
 APPLICANT: PERK, JR., RICHARD M.
 APPLICANT: THOMPSON, STUART A.
 TITLE OF INVENTION: PCR INHIBITORS
 NUMBER OF SEQUENCES: 101
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 STREET: Suite 1200, 127 Peachtree Street
 CITY: Atlanta
 STATE: Georgia
 COUNTRY: USA
 ZIP: 30303
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/060,584
 FILING DATE: 1999-08-16
 ATTORNEY/AGENT INFORMATION:
 NAME: Spratt, Gwendolyn D.
 REGISTRATION NUMBER: 36,016
 REFERENCE/DOCKET NUMBER: 22000, 0049
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 INFORMATION FOR SEQ ID NO: 45:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 MOLECULE TYPE: DNA (genomic)
 Query Match
 Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
 Matches 16; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 Db 20 GCATCAACAGCTACTT 3

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/060,584
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/650,528
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Spratt, Gwendolyn D.
 REGISTRATION NUMBER: 36,016
 REFERENCE/DOCKET NUMBER: 22000, 0049
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 INFORMATION FOR SEQ ID NO: 45:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-09-060-584-45
 Query Match
 Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
 Matches 16; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 Db 20 GCATCAACAGCTACTT 3
 RESULT 78
 US-09-060-584-46/c
 Sequence 46, Application US/09060584
 Patent No. 6004195
 GENERAL INFORMATION:
 APPLICANT: MILLER, GERALDINE G.
 APPLICANT: PERK, JR., RICHARD M.
 APPLICANT: THOMPSON, STUART A.
 APPLICANT: BLASER, MARTIN J.
 TITLE OF INVENTION: PCR INHIBITORS
 NUMBER OF SEQUENCES: 101
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 STREET: Suite 1200, 127 Peachtree Street
 CITY: Atlanta
 STATE: Georgia
 COUNTRY: USA
 ZIP: 30303
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/060,584
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/650,528
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Spratt, Gwendolyn D.
 REGISTRATION NUMBER: 36,016
 REFERENCE/DOCKET NUMBER: 22000, 0049
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 INFORMATION FOR SEQ ID NO: 46:

1 SEQUENCE CHARACTERISTICS:
2 LENGTH: 20 base pairs
3 TYPE: nucleic acid
4 STRANDNESS: double
5 MOLECULE TYPE: linear
6 MOLECULE TYPE: DNA (genomic)
7 US-09-060-584-46

Query Match 1 0% Score 14.8 DB 1; Length 20;
Best Local Similarity 88.9% Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCGATTCAGCGATTCATTC 1542
DB 19 GCGATTCAGCGATTC 2

RESUME 79
US-09-060-584-47/C
1 Sequence 47, Application US/09060584
2 Patent No. 600434
3 PRIORITY INFORMATION:
4 APPLICANT: MILLER, GERALDINE G.
5 APPLICANT: PERK, JR., RICHARD M.
6 APPLICANT: THOMPSON, STUART A.
7 TITLE OF INVENTION: ICMA GENE AND RELATED METHODS
8 NUMBER OF SEQUENCES: 101
9 CORRESPONDENCE ADDRESS: ROSENBERG, P.C.
10 STREET: Suite 1200, 127 Peachtree Street
11 CITY: Atlanta
12 STATE: Georgia
13 ZIP: 30303
14 TELEFAX: 404/688-9860
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: floppy disk
17 OPERATING SYSTEM: PC-DOS/MS-DOS
18 SOFTWARE: PatentIn Release #1.0, Version #1.30
19 CURRENT APPLICATION DATA:
20 PUBLICATION NUMBER: US/09/060,584
21 CLASSIFICATION:
22 PRIORITY INFORMATION:
23 PRIOR APPLICATION DATA:
24 PUBLICATION NUMBER: 08/650,528
25 ATTORNEY/AGENT INFORMATION:
26 NAME: SPYRAT, Gendolyn D.
27 REGISTRATION NUMBER: 46,012000.0049
28 TELECOMMUNICATION INFORMATION:
29 TELEPHONE: 404/688-9860
30 INFORMATION FOR SEQ ID NO: 47:
31 SEQUENCE CHARACTERISTICS:
32 LENGTH: 20 base pairs
33 TYPE: nucleic acid
34 STRANDNESS: double
35 MOLECULE TYPE: linear
36 MOLECULE TYPE: DNA (genomic)
37 US-09-060-584-47

Query Match 1 0% Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9% Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1525 GCGATTCAGCGATTCATTC 1542
DB 18 GCGATTCAGCGATTC 1

RESULT 80

US-09-413-1408-45/C
1 Sequence 45, Application US/09413140A
2 Patent No. 6107464
3 PRIORITY INFORMATION:
4 APPLICANT: MILLER, GERALDINE G.
5 APPLICANT: PERK, JR., RICHARD M.
6 APPLICANT: THOMPSON, STUART A.
7 TITLE OF INVENTION: ICMA GENE AND RELATED METHODS
8 NUMBER OF SEQUENCES: 101
9 CORRESPONDENCE ADDRESS:
10 ADDRESSEE: NEBOLA & ROSENBERG, P.C.
11 STREET: Suite 1200, 127 Peachtree Street
12 CITY: Atlanta
13 STATE: Georgia
14 COUNTRY: USA
15 ZIP: 30303
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: floppy disk
18 OPERATING SYSTEM: IBM PC compatible
19 SOFTWARE: PatentIn Release #1.0, Version #1.30
20 CURRENT APPLICATION DATA:
21 PUBLICATION NUMBER: US/09/413,140A
22 CLASSIFICATION:
23 PRIORITY INFORMATION:
24 PRIOR APPLICATION DATA:
25 PILING DATE:
26 ATTORNEY/AGENT INFORMATION:
27 NAME: SPYRAT, Gendolyn D.
28 REGISTRATION NUMBER: 22000, 0049
29 TELECOMMUNICATION INFORMATION:
30 TELEFAX: 404/688-9860
31 INFORMATION FOR SEQ ID NO: 45:
32 SEQUENCE CHARACTERISTICS:
33 LENGTH: 20 base pairs
34 TYPE: nucleic acid
35 STRANDNESS: double
36 MOLECULE TYPE: linear
37 MOLECULE TYPE: DNA (genomic)
38 US-09-413-1408-45

Query Match 1 0% Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9% Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1525 GCGATTCAGCGATTCATTC 1542
DB 20 GCGATTCAGCGATTC 3

RESUME 81
US-09-413-1408-46/C
1 Sequence 46, Application US/09413140A
2 Patent No. 6107464
3 PRIORITY INFORMATION:
4 APPLICANT: MILLER, GERALDINE G.
5 APPLICANT: PERK, JR., RICHARD M.
6 APPLICANT: THOMPSON, STUART A.
7 TITLE OF INVENTION: ICMA GENE AND RELATED METHODS
8 NUMBER OF SEQUENCES: 101
9 CORRESPONDENCE ADDRESS:
10 ADDRESSEE: NEBOLA & ROSENBERG, P.C.
11 STREET: Suite 1200, 127 Peachtree Street
12 CITY: Atlanta
13 STATE: Georgia
14 COUNTRY: USA
15 ZIP: 30303
16 COMPUTER READABLE FORM:

```

/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ SOFTWARE: IBM PC DOS/MS-DOS
/ SOFTWARE RELEASE: Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/413,140A
/ CLING DATE:
/ CLING LOCATION:
/ PRIOR APPLICATION:
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER: US/08/650,528
/ FILING DATE:
/ NAME: SPRET, Gwendolyn D.
/ NAME: SPRET, Gwendolyn D.
/ REGISTRATION NUMBER: 36,016
/ REFERENCE/DOCKET NUMBER: 22000_0049
/ TELEPHONE: 404/688-9770
/ TELEFAX: 404/688-9880
/ INFORMATION FOR SEQ ID NO: 46:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1542
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-413-140A-46

Query Match
Sequence similarity 1.0%; Score 14.8; DB 1; Length 20;
Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1525 GCCTGCGGCGGCTTCT 1542
19 GCCTGCGGCGGCTTCT 2

RESULT 83
US-09-413-140A-47/c
/ Sequence 47, Application US/09/413,140A
/ Patent No. 6107464
/ GENERAL INFORMATION:
/ APPLICANT: GERALDINE C.
/ APPLICANT: PERKINS, RICHARD W.
/ APPLICANT: THOMPSON, STUART A.
/ APPLICANT: BLASER, MARTIN J.
/ NUMBER OF SEQUENCES: 1
/ OTHER INFORMATION: IGH GENE AND RELATED METHODS
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: NEEDLE & ROSENBERG, P.C.
/ STREET: Suite 1200, 127 Peachtree Street
/ CITY: Atlanta, Georgia
/ STATE: Georgia
/ COUNTRY: USA
/ ZIP: 30303
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: IBM PC DOS/MS-DOS
/ SOFTWARE RELEASE: Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/413,140A
/ CLING DATE:
/ CLING LOCATION:
/ PRIOR APPLICATION:
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER: US/06/650,528
/ FILING DATE:
/ NAME: SPRET, Gwendolyn D.
/ NAME: SPRET, Gwendolyn D.
/ REGISTRATION NUMBER: 36,016
/ REFERENCE/DOCKET NUMBER: 22000_0049
/ TELEPHONE: 404/688-9770
/ TELEFAX: 404/688-9880
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-413-140A-47

Query Match
Sequence similarity 1.0%; Score 14.8; DB 1; Length 20;
Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1525 GCCTGCGGCGGCTTCT 1542
19 GCCTGCGGCGGCTTCT 1

```

```

/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-413-140A-47

Query Match
Sequence similarity 1.0%; Score 14.8; DB 1; Length 20;
Beat Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1525 GCCTGCGGCGGCTTCT 1542
19 GCCTGCGGCGGCTTCT 1

RESULT 84
US-08-753-147-162
/ Sequence 162, Application US/08/753,147
/ Patent No. 6107464
/ GENERAL INFORMATION:
/ APPLICANT: Conception, Patrick
/ TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
/ NUMBER OF SEQUENCES: 136
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Christensen O'Connor Johnson and Kindness
/ STREET: 1420 5th Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98101-2347
/ COMPUTER READABLE FORM:

```


MEDIUM TYPE: P100Y disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/753,147
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Shigemasa, Diana K.
 ADDRESS: 10000 N. 13th Ave., Suite 315
 TELEPHONE: (480) 743-1357
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (480) 743-1357
 FAX: (480) 743-1357
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: double
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 ORGANISM: Homo sapiens
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-753-147-162

Query Match 1.04; Score 14.4; DB 1; Length 16;
 Best Local Similarity 93.84; Pct. No. 87
 Matches 15; Conservative 1; Mismatches 0;
 Db 895 TCGTCCTCCATGCTG 620
 1 TCGTCCTCCATGCTG 16

RESULT 85
 US-08-368-9
 Sequence 9; Application US/0801358
 Patent No. 5976799
 GENERAL INFORMATION:
 APPLICANT: SHIGEMASA, TIMOTHY J.
 ADDRESS: 10000 N. 13th Ave., Suite 315
 TELEPHONE: (480) 743-1357
 TITLE OF INVENTION: EARLY DETECTION OF OVARIAN CARCINOMA
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MARTIN L. MCCRACKOR
 STREET: 5340 WEST 34TH STREET, #345
 CITY: HOUSTON
 STATE: TEXAS
 COUNTRY: UNITED STATES OF AMERICA
 ZIP: 77052
 COMPUTER: IBM compatible
 MEDIUM TYPE: DISKETTE 3.5 INCH 1.44 MB STORAGE
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819,358
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MCCRACKOR, MARTIN L.
 ADDRESS: 5340 WEST 34TH STREET, #345
 TELEPHONE: (713) 682-1213
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 713-682-1213

TELEFAX: 713-682-5807
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: double
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: OTHER NUCLEIC ACID
 ORGANISM: Homo sapiens
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-819-358-9

Query Match 1.04; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.84; Pct. No. 87
 Matches 15; Conservative 1; Mismatches 0;
 Db 1438 TCGTCCTCCATGCTG 1453
 1 TCGTCCTCCATGCTG 16

RESULT 86
 US-09-146-200A-9
 Sequence 9; Application US/09346200A
 Patent No. 6287775
 GENERAL INFORMATION:
 APPLICANT: O'Brien, Timothy J.
 ADDRESS: 10000 N. 13th Ave., Suite 315
 TELEPHONE: (480) 743-1357
 TITLE OF INVENTION: Early Detection of Ovarian Carcinoma Using p16 Gene Products
 NUMBER OF SEQUENCES: 1399-07-01
 CURRENT FILING DATE: 1999-07-01
 PRIOR APPLICATION NUMBER: US/09/346,200A
 NUMBER OF SEQ ID NOS: 17
 SEQ ID NO 9
 LENGTH: 17
 TYPE: double
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: OTHER NUCLEIC ACID
 ORGANISM: Unknown
 ANTI-SENSE: Unknown
 ORIGINAL SOURCE:
 ORGANISM: Unknown
 NAME/KEY: primer bind
 US-09-146-200A-9

Query Match 1.04; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.84; Pct. No. 87
 Matches 15; Conservative 0; Mismatches 1; Indels 0;
 Db 1438 TCGTCCTCCATGCTG 1453
 1 TCGTCCTCCATGCTG 16

RESULT 87
 US-08-584-040-4005/c
 Sequence 4005; Application US/08584040
 Patent No. 6346386
 GENERAL INFORMATION:
 APPLICANT: Rayco, Pamela
 ADDRESS: 10000 N. 13th Ave., Suite 315
 TELEPHONE: (480) 743-1357
 TITLE OF INVENTION: EARLY DETECTION OF OVARIAN CARCINOMA
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MARTIN L. MCCRACKOR
 STREET: 5340 WEST 34TH STREET, #345
 CITY: HOUSTON
 STATE: TEXAS
 COUNTRY: UNITED STATES OF AMERICA
 ZIP: 77052
 COMPUTER: IBM compatible
 MEDIUM TYPE: DISKETTE 3.5 INCH 1.44 MB STORAGE
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819,358
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MCCRACKOR, MARTIN L.
 ADDRESS: 5340 WEST 34TH STREET, #345
 TELEPHONE: (713) 682-1213
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 713-682-1213

TELEPH: (212) 664-0585
 GENERAL INFORMATION:
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 base pairs
 TYPE: DNA
 STRANDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-118-441-17

Query Match 1.08; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0;

DB 420 CACCTTCATCTTCACG 435
 17 CACTTCATCTTCACG 2

RESUME 91
 US-08-605-089-22/C
 Sequence 22, Application US/08605089
 Patent No. 5719026
 GENERAL INFORMATION:
 APPLICANT: TAKESHI KINOSHITA
 APPLICANT: KYOKORI KATSUMORI
 APPLICANT: MOITOSEHI KINOSHITA
 TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
 NUMBER OF SEQUENCES: 45
 CORRESPONDENCE ADDRESSES:
 ADDRESS: SAKURAI, KUN, 21NN, WAKAPAK & SENS
 STREET: 2100 Pennsylvania Avenue, N.W.
 CITY: Washington
 STATE: DISTRICT OF COLUMBIA
 COUNTRY: USA
 ZIP: 20037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/605,089
 PRIORITY NUMBER: 08-01-1994/JP95/01332
 FILING DATE: 06-JUN-1995
 PILING DATE: 06-JUN-1995
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 base pairs
 TYPE: DNA
 STRANDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-605-089-22

Query Match 1.08; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0;
 DB 1084 CACCTTCATCTTCACG 1099
 16 CACCTTCATCTTCACG 1

RESUME 92
 US-08-338-5794-17/C
 Sequence 17, Application US/083385794

PATENT NO. 6068976
 GENERAL INFORMATION:
 APPLICANT: GILLIAM, T. Conrad
 APPLICANT: TANAI, RUDOLPH E.
 TITLE OF INVENTION: DNA AND USES OF A WILSON'S
 NUMBER OF SEQUENCES: 107
 CORRESPONDENCE ADDRESSES:
 ADDRESS: Cooper & Dunham
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/338,5794
 PRIORITY NUMBER: 08-01-1996
 FILING DATE: June 17, 1996
 CLASSIFICATION:
 NAME: White, John P., 28, 678
 REINVESTIGATION NUMBER: 28, 678
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEPHAX: (212) 391-0525
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: DNA
 STRANDNESS: c single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-338-5794-17

Query Match 1.08; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0;
 DB 420 CACCTTCATCTTCACG 435
 17 CACTTCATCTTCACG 2

RESUME 93
 US-09-196-452A-645B/C
 Sequence 645B, Application US/09196452A
 Patent No. 6559294
 GENERAL INFORMATION:
 APPLICANT: CHILAMYDIA PNEUMONIAE, P.
 TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment;
 TITLE OF INVENTION: characterization and uses thereof, in particular for the diagnosis, prev
 CURRENT APPLICATION NUMBER: US/09/196,452A
 NUMBER OF SEQ ID NOS: 6449
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Chlamydia pneumoniae
 US-09-196-452A-645B

Query Match 1.08; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1426 TCCCTCTCTCTCTG 1441
DB 16 TCCCTCTCTCTCTG 1

RESULT 34

US-09-269-410-3
Sequence 17, Application PC/TUS9409851

GENERAL INFORMATION:
APPLICANT: GILLIAM, T. Conrad
INVENTOR: GILLIAM, T. Conrad
TITLE OF INVENTION: METHODS AND USES OF A WILSON'S
TITLE OF INVENTION: DISBURS GENE
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS:
ADDRESS: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09851
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: WILCO, John P.
REFERENCE/DOCKET NUMBER: 0575/44011-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-5550
TELEX: 422323 066 0545
FAX: (212) 977-5550
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
TYPE: 20 base pairs
STRANDNESS: single
TOWARD/COV: linear
HYPOTHEZED: DNA (genomic)
PCT-US94-09851-17

Query Match 1.0% Score 14.4; DB 1; Length 20;
Best Local Similarity: 9.8% Pct/US94-09851-17e02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 420 CACTCTCACTCTG 435
DB 17 CACTCTCACTCTG 2

RESULT 35

US-09-269-410-3
Sequence 3, Application US/09269410

GENERAL INFORMATION:
APPLICANT: GILLIAM, T. Conrad
INVENTOR: GILLIAM, T. Conrad
TITLE OF INVENTION: DIAGNOSTIC AGENT AND METHOD TO DETERMINE PREGNANCY IN
TITLE OF INVENTION: RUMINANTS
FILE REFERENCE: 1961
CURRENT FILING DATE: 1998-05/09/269 410
EARLIER FILING DATE: 1997-09-17
EARLIER APPLICATION NUMBER: PCT/EP97/05075
EARLIER APPLICATION NUMBER: DE 196 41 378.8
NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 3
LENGTH: 19
TOWARD/COV: linear
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
US-09-269-410-3

Query Match 1.0% Score 14.2; DB 1; Length 19;
Best Local Similarity: 84.3% Pct/US94-09851-17e02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 320 CCAATGCGGAGACCGG 338
DB 1 CCAATGCGGAGACCGG 19

RESULT 36

US-07-977-2844-105/c
Sequence 105, Application US/07977284A

GENERAL INFORMATION:
APPLICANT: Prockop, David J.
INVENTOR: AIA-Kokko, Isena J.
APPLICANT: Rytavara, Marc J.
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian Nils
INVENTOR: Hopkinson, Ian Nils
TITLE OF INVENTION: DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOPOROSIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS: Washburn, Kurt; Mackiewicz & No. 555998818
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: MS-DOS
SOFTWARE: Nordairect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 1997-09-19
PCT-US07-977-284A

INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
TYPE: NUCLEIC ACID
STRANDNESS: SINGLE
TOWARD/COV: linear
HYPOTHEZED: DNA
PCT-US07-977-284A-105

QY 861 CTTATCACTCTCACTG 879
DB 1 CTTATCACTCTCACTG 16

RESULT 37

US-07-977-2844-105/c
Sequence 105, Application US/07977284A

GENERAL INFORMATION:
APPLICANT: Prockop, David J.
INVENTOR: AIA-Kokko, Isena J.
APPLICANT: Rytavara, Marc J.
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian Nils
INVENTOR: Hopkinson, Ian Nils
TITLE OF INVENTION: DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOPOROSIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS: Washburn, Kurt; Mackiewicz & No. 555998818
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: MS-DOS
SOFTWARE: Nordairect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 1997-09-19
PCT-US07-977-284A

Query Match 1.0% Score 14.2; DB 1; Length 20;
Best Local Similarity: 84.3% Pct/US94-09851-17e02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 20 CAGGCTCCCGGAGAGGCC 2

RESULT 97
US-08-379-680-3
Sequence 3 Application US/08379680
Patent No. 5702890
GENERAL INFORMATION:
APPLICANT: ROHMANN, David B.
TITLE OF INVENTION: METHODS OF ALTERNATIVE ALLELES
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER
NUMBER OF SEQUENCES: 12
PRIORITY DATE: 1992
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90011-2066
COMPUTER: IBM PC-DOS
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,680
CLASSIFICATION: R213, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/08473
ATTORNEY/AGENT INFORMATION:
NAME: Redburg, Richard J.
REGISTRATION NUMBER: 32,377
TELEPHONE: (213) 483-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO. 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
STRANDEDNESS: single
TOPOLOGY: linear
US-08-379-680-3

Query Match 1.0% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2% Pred. No. 1.9e+02;
Matches 16; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
DB 1394 CAGGCTCCCGGAGAGGCC 112
1 CAGGCTCCCGGAGAGGCC 19

RESULT 98
US-08-889-296A-22/c
Sequence 22 Application US/08889296A
Patent No. 5946111
GENERAL INFORMATION:
APPLICANT: Monks, B.P., Coweatt, L.W. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Antisense Oligonucleotide
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESSES:
ADDRESSER: Jane Maney MScata
STREET: 1210 S. Olive Ave., Suite 201
CITY: Cherry Hill

STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
COMPUTER: IBM PC-DOS
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889 296A
CLASSIFICATION: 526
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
PRIOR APPLICATION DATA: 3, 1995
APPLICATION NUMBER: PCT/US93/09346
PILING DATE: October 1, 1993
APPLICATION NUMBER: 556,134
PILING DATE: October 5, 1992
PRIOR APPLICATION DATA: 24/007,896
APPLICATION NUMBER: 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Maney MScata
REGISTRATION NUMBER: 32,257
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488 22;
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-889-296A-22

Query Match 1.0% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2% Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
DB 322 CAGGCTCCCGGAGAGGCC 340
20 CAGGCTCCCGGAGAGGCC 2

RESULT 99
US-08-255-4288-105/c
Sequence 105 Application US/082554288
Patent No. 5946111
GENERAL INFORMATION:
APPLICANT: Prockop, David J.
APPLICANT: Mitsuoka, Dennis J.
APPLICANT: Mitsuoka, Dennis J.
APPLICANT: Rivaletto, Petri
APPLICANT: Baldwin, Clinton
APPLICANT: Monks, B.P., Coweatt, L.W. and Manoharan, M.
TITLE OF INVENTION: Methods of detecting a genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESSES:
ADDRESSER: Randolph Wirtz Mckleewicz & No. 5946111/c
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible


```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-20

```

Query Match	1.0%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 1.9e+02		
Matches 16	Conservative	0	Mismatches 3	Indels 0
			Gaps	0

RESULT 109
US-09-517-584A-18
Sequence 18, Application US/09517584A

```

: CURRENT APPLICATION NUMBER: US/09/517,584A
: CURRENT FILING DATE: 2000-03-22
: NUMBER OF SEQ ID NOS: 89

```

Qy	499	GCGGCGGTGATGATGAGA	517
Db	2	GCGGCGGAGATGATGAGA	20

```

/ ORGANISM: Artificial Sequence
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/ FEATURE:
/
/ OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-277-020-31

```

Db 20 TGT T T T G C A G A A A G C T C G G 2

RESULT 111
US-09-130-616-124/c
; Sequence 124, Appl:lcation US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:

```

; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 124
LENGTH: 20

```

Qy	701	TCACAACTCCGACTCTGG	715
Db	19	TCCACAGATCCGACTCTGG	1

1 APPLICANT: Gaarde, William A.
2
3 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
4
5 TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
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Qy 1556 CATCAGCTCCAGGCTC 14
Db 2 CACCACTCCATGTGCTC 20

```

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RFS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
PRIORITY DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
LENGTH: 20
TYPE: DNA
FEATURE: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-27

Query Match
Best Local Similarity 1.0%; Score 14.2; DB 1
Matches 16; Conservative 0; Mismatches 3; Gaps 0
1022 AAGCGCTTCCCGCCGCTT 1600
Db 2 AAGCGCTTCCCGCCGCTT 20

RESULT 115
US-09-629-645A-28
Sequence 28; Application US/09323645A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RFS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
PRIORITY DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
LENGTH: 20
TYPE: DNA
FEATURE: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-28

Query Match
Best Local Similarity 1.0%; Score 14.2; DB 1
Matches 16; Conservative 0; Mismatches 3; Gaps 0
1020 CAGAGCTTCCCGCCGCTT 1038
Db 2 CAGAGCTTCCCGCCGCTT 20

RESULT 116
US-09-659-791A-72
Sequence 72; Application US/09659791A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RFS-0137
CURRENT APPLICATION NUMBER: US/09/659,791A
PRIORITY DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
LENGTH: 20
TYPE: DNA
FEATURE: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-72

```

Query Match 1.0% Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2% Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 366 CCGAGCAAGCATCTCCCTC 384
 DB 2 CCGAGCAAGCATCTCCCTC 20

RESULT 117
 US-09-295-593-2
 Sequence 2; Application US/09295593
 Patent No. 6426221
 GENERAL INFORMATION:
 APPLICANT: YOUNG, ALDIP H.
 TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
 TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR OF USING SAME TO MODULATE CELL
 CURRENT PILING DATE: 1999-04-22
 CURRENT APPLICATION NUMBER: US/09/295,593
 EXAMINER APPLICATION NUMBER: US 60/082,791
 NUMBER OF SEQ ID NOS: 37
 SOFTWARE: Patent Ver. 2.0
 SEQ ID NO 2
 CCGAGCAAGCATCTCCCTC 20
 TYPE: DNA
 ORGANISM: Human
 US-09-295-593-2

Query Match 1.0% Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2% Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 1311 CCGAGTTCGCAAGACCGG 1329
 DB 2 CCGAGTTCGCAAGACCGG 20

RESULT 118
 US-09-702-327-83
 Sequence 2; Application US/09702327
 Patent No. 6426221
 GENERAL INFORMATION:
 APPLICANT: C. Frank Beumate
 TITLE OF INVENTION: ANTISENSE MODULATION OF CAHATRICULIN EXPRESSION
 FILE REFERENCE: RTS-0097
 CURRENT PILING DATE: 2000-10-30
 CURRENT APPLICATION NUMBER: US/09/702,327
 NUMBER OF SEQ ID NOS: 69
 SEQ ID NO 83
 LENGTH: 20
 CCGAGTTCGCAAGACCGG 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-702-327-83

Query Match 1.0% Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2% Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 1572 CCGAGTTCGCAAGACCGG 1590
 DB 1 CCGAGTTCGCAAGACCGG 19

RESULT 119

US-09-920-653-18/C
 Sequence 2; Application US/09920663
 Patent No. 6426221
 GENERAL INFORMATION:
 APPLICANT: DORNA T. Ward
 TITLE OF INVENTION: ANTISENSE MODULATION OF H12 EXPRESSION
 FILE REFERENCE: RTS-0213
 CURRENT PILING DATE: 2001-08-01
 CURRENT APPLICATION NUMBER: US/09/920,663
 NUMBER OF SEQ ID NOS: 49
 SEQ ID NO 18
 LENGTH: 20
 CCGAGTTCGCAAGACCGG 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-920-653-18

Query Match 1.0% Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2% Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 1326 CCGAGTTCGCAAGACCGG 1344
 DB 20 CCGAGTTCGCAAGACCGG 2

RESULT 120
 US-09-920-759-25
 Sequence 2; Application US/09920759
 Patent No. 6537811
 GENERAL INFORMATION:
 APPLICANT: Brenda F. Baker
 TITLE OF INVENTION: ANTISENSE MODULATION OF GAP-1 EXPRESSION
 FILE REFERENCE: RTS-0267
 CURRENT PILING DATE: 2001-08-01
 CURRENT APPLICATION NUMBER: US/09/920,759
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 25
 LENGTH: 20
 CCGAGTTCGCAAGACCGG 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-920-759-25

Query Match 1.0% Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2% Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 1222 CCGAGTTCGCAAGACCGG 1240
 DB 2 CCGAGTTCGCAAGACCGG 20

RESULT 121
 US-09-705-267A-147
 Sequence 2; Application US/0970567A
 Patent No. 6551826
 GENERAL INFORMATION:
 APPLICANT: Hong Zhang
 TITLE OF INVENTION: ANTISENSE MODULATION OF BAI2 EXPRESSION
 FILE REFERENCE: RTS-0211
 CURRENT PILING DATE: 2000-11-01
 CURRENT APPLICATION NUMBER: US/09/705,267A
 NUMBER OF SEQ ID NOS: 177
 SEQ ID NO 147
 LENGTH: 20
 CCGAGTTCGCAAGACCGG 20
 TYPE: DNA

ORGANISM: Artificial Sequence
 FEATURE: (1) Miscellaneous
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-705-2674-147

Query Match
 Best Local Similarity 1.0%; Score 14.2; DB 1; Length 20;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

402 GCGCTTCGCGCGCTGCGCCG 420
 DB 2 GCGCTTCGCGCGCTGCGCCG 20

RESULT 122
 US-09-705-2674-164/C
 Sequence 164; Application US/097052674
 GENERAL INFORMATION:

APPLICANT: Susan M. Freiler
 APPLICANT: Hong Zhang
 TITLE OF INVENTION: ANTISENSE MODULATION OF RAPID EXPRESSION
 FILE REFERENCE: FRS-0211
 CURRENT APPLICATION NUMBER: US/09/705,267A
 NUMBER OF SEQ ID NOS: 17
 SEQ ID NO 164

LENGTH: 20
 OTHER INFORMATION: Artificial Sequence
 US-09-705-2674-164

Query Match
 Best Local Similarity 1.0%; Score 14.2; DB 1; Length 20;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1288 GAGCGCTGCGCGCTGCGCCG 1306
 DB 19 GAGCGCTGCGCGCTGCGCCG 1

RESULT 123
 US-08-985-090-20

Sequence 90; Application US/08985090
 GENERAL INFORMATION:
 APPLICANT: Andrew D. Goodheart
 TITLE OF INVENTION: MECHANISTIC RECEPTORS AND USES THEREFOR
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESS: LAMIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,090
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 NAME: JAMES M. BLIWELL

REGISTRATION NUMBER: 39, 030

REFERENCE/DOCKET NUMBER: N01-032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214
 INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 MOLECULE TYPE: cDNA
 US-08-985-090-20

Query Match
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1326 GCGCGCGCGCGCGCG 1338
 DB 4 GCGCGCGCGCGCGCG 17

RESULT 124
 US-09-165-543-21

Sequence 21; Application US/09165543
 Patent No. 6093165
 APPLICANT: Andrew D. Goodheart and Sandra Gluckman
 TITLE OF INVENTION: Mechanistic Receptors and Uses Therefor
 NUMBER OF SEQUENCES: 39
 CORRESPONDENCE ADDRESS:
 ADDRESS: LAMIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/165,543

CLASSIFICATION:
 PRIOR APPLICATION DATA: 09/042,700
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: Elizabeth A. Haultz
 REFERENCE/DOCKET NUMBER: N01-02CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 MOLECULE TYPE: cDNA
 US-09-165-543-21

Query Match
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1326 GCGCGCGCGCGCGCG 1338
 DB 4 GCGCGCGCGCGCGCG 17

RESULT 126
 US-09-443-413-17/c
 / Sequence 17, Application US/091432128
 / Patent No. 6077672
 / GENERAL INFORMATION:
 / APPLICANT: Bionis, Monte and Lex M. Cowart
 / TITLE OF INVENTION: ANTISENSE MODULATION OF TRAD EXPRESSION
 / FILE REFERENCE: PFS-0005
 / CURRENT FILING DATE: US/09/143,2128
 / PRIORITY FILING DATE: 1998-08-28
 / NUMBER OF SEQ ID NOS: 87
 / SEQ ID NO 17
 / LENGTH: 18
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURES:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-443-212-17
 Query Match 1.0% Score 14, DB 1, Length 18,
 Best Local Similarity 100.0%, Pred. No. 1,7e+02,
 Matches 14, Conservative 0, Mismatches 0, Indels 0, Gaps 0,
 Or 974 GAGCTCTGCTGCA 887
 Db 15 GAGCTCTGCTGCA 2

RESULT 126
 US-09-443-413-17/c
 / Sequence 546, Application US/08117952
 / Patent No. 5851760
 / GENERAL INFORMATION:
 / APPLICANT: Bionis, Glen A.
 / TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
 / NUMBER OF SEQUENCES: 597
 / CORRESPONDENCE ADDRESSES:
 / ADDRESSER: Preddy, Schroeder, Bruggemann & Clark
 / STREET: 444 South Flower Street, Suite 2000
 / CITY: Los Angeles
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 90071
 / COMPUTER HARDWARE FORM:
 / OPERATING SYSTEM: PDP11
 / MEDIAN TYPE: PDP11
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/117,952
 / FILING DATE: 07-28-1993
 / PRIORITY FILING DATE: 1993-07-28
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/078,471
 / FILING DATE: 15-JUN-1993
 / NAME: Preddy, Stephen E.
 / REGISTRATION NUMBER: 31,192
 / REFERENCE/DOCKET NUMBER: PFI 9423
 / TELEPHONE: 619-546-4137
 / INFORMATION FOR SEQ ID NO: 546:
 / SEQUENCE LENGTH: 19 base pairs
 / LENGTH: 19 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / MOLECULE TYPE: Oligonucleotide
 / HYPOTHETICAL: NO

/ ANTI-SENSE: NO
 US-08-117-952-546
 Query Match 1.0% Score 14, DB 1, Length 19,
 Best Local Similarity 100.0%, Pred. No. 1,7e+02,
 Matches 14, Conservative 0, Mismatches 0, Indels 0, Gaps 0,
 Or 884 TGGAGCTCTGCTGCA 897
 Db 10 TGGAGCTCTGCTGCA 5

RESULT 127
 US-09-371-710-7
 / Sequence 7, Application US/09371710A
 / Patent No. 6146868
 / GENERAL INFORMATION:
 / APPLICANT: Bionis, Thomas R.
 / TITLE OF INVENTION: Glucuronosyltransferase (GUT) O-Acetylhydrolase of
 / NUMBER OF SEQUENCES: 13
 / CORRESPONDENCE ADDRESSES:
 / ADDRESSER: Savoy, Anne C. L.
 / STREET: 444 South Flower Street, Suite 2000
 / CITY: Los Angeles
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 90071
 / COMPUTER HARDWARE FORM:
 / OPERATING SYSTEM: PDP11
 / MEDIAN TYPE: PDP11
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/371,710A
 / FILING DATE: 07-28-1993
 / PRIORITY FILING DATE: 1993-07-28
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/078,471
 / FILING DATE: 15-JUN-1993
 / NAME: Preddy, Stephen E.
 / REGISTRATION NUMBER: 31,192
 / REFERENCE/DOCKET NUMBER: PFI 9423
 / TELEPHONE: 619-546-4137
 / INFORMATION FOR SEQ ID NO: 50:
 / SEQUENCE LENGTH: 19 base pairs
 / LENGTH: 19 base pairs
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURES:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-371-710-7
 Query Match 1.0% Score 14, DB 1, Length 19,
 Best Local Similarity 87.5%, Pred. No. 1,7e+02,
 Matches 14, Conservative 1, Mismatches 0, Indels 0, Gaps 0,
 Or 1120 GAGCTCTGCTGCA 1135
 Db 1 GAGCTCTGCTGCA 16

RESULT 128
 US-09-648-386-7
 / Sequence 7, Application US/09648386
 / Patent No. 6284508
 / GENERAL INFORMATION:
 / APPLICANT: Bionis, Thomas R.
 / TITLE OF INVENTION: Glucuronosyltransferase (GUT) O-Acetylhydrolase of
 / NUMBER OF SEQUENCES: 13
 / CORRESPONDENCE ADDRESSES:
 / ADDRESSER: Savoy, Anne C. L.
 / STREET: 444 South Flower Street, Suite 2000
 / CITY: Los Angeles
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 90071
 / COMPUTER HARDWARE FORM:
 / OPERATING SYSTEM: PDP11
 / MEDIAN TYPE: PDP11
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/648,386
 / FILING DATE: 07-28-1993
 / PRIORITY FILING DATE: 1993-07-28
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/078,471
 / FILING DATE: 15-JUN-1993
 / NAME: Preddy, Stephen E.
 / REGISTRATION NUMBER: 31,192
 / REFERENCE/DOCKET NUMBER: PFI 9423
 / TELEPHONE: 619-546-4137
 / INFORMATION FOR SEQ ID NO: 50:
 / SEQUENCE LENGTH: 19 base pairs
 / LENGTH: 19 base pairs
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURES:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-648-386-7
 Query Match 1.0% Score 14, DB 1, Length 19,
 Best Local Similarity 87.5%, Pred. No. 1,7e+02,
 Matches 14, Conservative 1, Mismatches 0, Indels 0, Gaps 0,
 Or 1120 GAGCTCTGCTGCA 1135
 Db 1 GAGCTCTGCTGCA 16

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 1130 GACCCCTTCCTCCGAG 1135
 |||||
 DB 1 GACCCCTTCCTCCGAG 16

RESULT 129
 US-09-488-671-119/c
 / Sequence 119; Application US/09488671A
 / PATENT INFORMATION:
 / GENERAL INFORMATION:
 / APPLICANT: Robert McKay
 / APPLICANT: Jacqueline M. Butler
 / APPLICANT: Jacqueline M. Butler
 / TITLE OF INVENTION: ANTISENSE MODULATION OF PERK-CYTOSOLIC EXPRESSION
 / FILE REFERENCE: RTS-0123
 / CURRENT APPLICATION NUMBER: US/09/488,671A
 / PRIORITY DATE: 2000-08-21
 / NUMBER OF SEQ ID NOS: 177
 / SEQ ID NO 119
 / LENGTH: 20
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-488-671-119

Query Match 1.0%; Score 14; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1377 GAYGCCAGAGTGA 1390
 |||||
 DB 20 GAYGCCAGAGTGA 7

RESULT 130
 US-09-651-011A-46
 / Sequence 46; Application US/09651011A
 / PATENT INFORMATION:
 / GENERAL INFORMATION:
 / APPLICANT: Nicholas M. Dean
 / APPLICANT: Nicholas M. Dean
 / TITLE OF INVENTION: ANTISENSE MODULATION OF HRP/CK-LIKE KINASE EXPRESSION
 / FILE REFERENCE: RTS-0168
 / CURRENT APPLICATION NUMBER: US/09/651,011A
 / PRIORITY DATE: 2000-08-29
 / NUMBER OF SEQ ID NOS: 49
 / SEQ ID NO 46
 / LENGTH: 20
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-651-011A-46

Query Match 1.0%; Score 14; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1481 ATTATTTGCACT 1494
 |||||
 DB 7 ATTATTTGCACT 20

RESULT 131
 US-08-286-856C-14/c
 / Sequence 14; Application US/0828656C
 / PATENT INFORMATION:
 / GENERAL INFORMATION:
 / APPLICANT: FISHER, DOUGLAS A

1 TITLE OF INVENTION: HERE IV-C: A NOVEL HUMAN
 2 TITLE OF INVENTION: PROSODIESTERASE IV
 3 NUMBER OF SEQUENCES: 15
 4 CURRENT APPLICATION NUMBER: P178852
 5 ADDRESSER: P178852 INC
 6 STREET: 235 EAST 42ND STREET
 7 CITY: NEW YORK
 8 STATE: NEW YORK
 9 COUNTRY: UNITED STATES OF AMERICA
 10 ZIP: 10017-5755
 11 COMPUTER READABLE FORM:
 12 MEDIUM TYPE: Floppy disk
 13 OPERATING SYSTEM: COMPACT-DOS
 14 SOFTWARE: Patent Release #1.0, Version #1.25
 15 CURRENT APPLICATION DATA:
 16 APPLICATION NUMBER: US/08/286,856C
 17 PRIORITY DATE: 2000-08-21
 18 CLASSIFICATION: 435-1594
 19 ATTORNEY/AGENT INFORMATION:
 20 NAME: SHRYKA, ROBERT F
 21 ADDRESS: 1000 NEW YORK AVENUE, SUITE 1304
 22 TELEPHONE: 212-573-1189
 23 TELECOMMUNICATION INFORMATION: R0552A
 24 INFORMATION FOR SEQ ID NOS:
 25 SEQUENCE CHARACTERISTICS: 14;
 26 LENGTH: 17 base pairs
 27 STRANDS: 1
 28 TOPOLOGY: linear
 29 MOLECULE TYPE: cDNA
 30 US-08-286-856C-14

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1294 GTGGCTCTCCGCTCT 1310
 |||||
 DB 17 GTGGCTCTCCGCTCT 1

RESULT 132
 US-08-707-399E-11/c
 / Sequence 11; Application US/08707399E
 / PATENT INFORMATION:
 / GENERAL INFORMATION:
 / APPLICANT: Acton, Susan and Gimino, Carlo
 / TITLE OF INVENTION: Lipid Metabolic Pathway Compositions
 / NUMBER OF SEQUENCES: 11
 / CORRESPONDENCE ADDRESS:
 / ADDRESSER: LAHAYE & COCKFIELD, LLP
 / STREET: 28 State Street
 / CITY: NEW YORK
 / STATE: Massachusetts
 / COUNTRY: USA
 / ZIP: 02109
 11 COMPUTER READABLE FORM:
 12 MEDIUM TYPE: 3.5 inch disk
 13 OPERATING SYSTEM: PC-DOS/MS-DOS
 14 SOFTWARE: Patent Release #1.0, Version #1.25
 15 CURRENT APPLICATION DATA:
 16 APPLICATION NUMBER: US/08/707,399E
 17 PRIORITY DATE: September 4, 1998
 18 PRIORITY APPLICATION DATA:
 19 FILING DATE: September 4, 1998
 20 FILING DATE: September 4, 1998
 21 ATTORNEY/AGENT INFORMATION:
 22 NAME: Amy E. Mandesouras

CLASSIFICATION: 435
 PRIOR APPLICATION DATE: US 08/851,843
 APPLICATION NUMBER: US 08/851,843
 FILING DATE: 06-MAY-1997
 INVENTOR: C. S. HARRISON
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/846,017
 FILING DATE: 25-APR-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/844,419
 FILING DATE: 18-APR-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/724,643
 FILING DATE: 01-OCT-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Apple, Randolph T.
 REGISTRATION NUMBER: 36,439
 REFERENCE/DOCKET NUMBER: 21389-002600US
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 248:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDNESS: single
 MOLECULE TYPE: DNA

Query Match 1.04; Score 13.6; DB 1; Length 17;
 Best Local Similarity 86.24; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1420 TCCGCTGCGCTGCTCT 1336
 DB 17 CCGCTGCGCTGCTCT 1

RESULT 135
 US-08-415-658-12/C
 Sequence 12, Application US/08415658
 GENERAL INFORMATION:
 APPLICANT: GRANTINI, RENNA
 APPLICANT: PASCOVIT, GIANNI
 APPLICANT: GRANDI, GUIDO
 TITLE OF INVENTION: PROCESS FOR THE PRODUCTION OF
 D-ALPHA-AMINO ACIDS
 CORRESPONDENCE ADDRESS:
 ADDRESS: OPLON, SPIVAK, MCCLELAND, MAIER & NEUSTADT
 STREET: 1795 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
 CITY: ARLINGTON
 STATE: VIRGINIA
 COUNTRY: USA
 ZIP: 22202
 COMPUTER: 386 IBM PC
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION IN RELEASE #1.0, Version #1.30
 APPLICATION NUMBER: US/08/415,658
 FILING DATE: 03-APR-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: IT M194 A 000726
 FILING DATE: 15-APR-1994

ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, NORMAN P.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 2264-085-0
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELE: 246855 OBLT UR
 INFORMATION FOR SEQ ID NO: 12:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDNESS: single
 MOLECULE TYPE: DNA (genomic)

Query Match 1.04; Score 13.6; DB 1; Length 17;
 Best Local Similarity 86.24; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 743 TCCGAGATCCGCTGCTG 759
 DB 17 TCCGAGATCCGCTGCTG 1

RESULT 136
 US-09-371-7728-6423/C
 Sequence 6423, Application US/093717728
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: Ribozyme, Jim
 APPLICANT: Stinson, Dan
 APPLICANT: Schroeder, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
 CURRENT APPLICATION NUMBER: US/09/371,7728
 CURRENT FILING DATE: 1999-08-10
 PRIOR FILING DATE: 1998-10-06/005,974
 PRIOR FILING DATE: 1998-10-06
 PRIOR APPLICATION NUMBER: US 08/584,040
 NUMBER OF SEQ ID NOS: 14225
 SEQ ID NO 6423 version 3.0
 LENGTH: 17
 TYPE: RNA
 STRAND: Homo sapiens

Query Match 1.04; Score 13.6; DB 1; Length 17;
 Best Local Similarity 86.24; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 232 ATCGAGAGAGATCC 248
 DB 17 ATCGAGAGAGATCC 1

RESULT 137
 US-09-371-7728-6582
 Sequence 6582, Application US/093717728
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: Ribozyme, Jim
 APPLICANT: Stinson, Dan
 APPLICANT: Schroeder, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.10
 CURRENT APPLICATION NUMBER: 06/08/667,381A
 FILING DATE:
 CLASSIFICATION: 51A
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 1340-1-001 N
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-343-1684
 TELEFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 TYPE: nucleic acid
 STRANDS: single
 TOPOLOGY: linear
 NO. OF BASE PAIRS: 18
 DESCRIPTION: /desc = "Oligonucleotide C-28"
 HYDROTHERMAL: NO

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pred. No. 1.6e-02;
 Matches 15; Conservative 2; Mismatches 0; Gaps 0;
 Db 17 TCMACCTCGTCGCTTC 1077

RESULT 141
 US-09-474-922A-36
 Patent No. 6,187,586
 GENERAL INFORMATION:
 APPLICANT: Bretz P. Montz
 APPLICANT: Law Offices of Richard A. Roch
 TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-3 EXPRESSION
 FILE REFERENCE: RRS-0036
 CURRENT FILING DATE: 1999-09/04/94, 922A
 NUMBER OF SEQ ID NOS: 89
 SEQ ID NO 36
 SEQUENCE: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FUNCTION: INFORMATION: Antisense Oligonucleotide
 US-09-474-922A-36

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pred. No. 1.6e-02;
 Matches 15; Conservative 2; Mismatches 0; Gaps 0;
 Db 2 GAGCTCTCACTCAAT 1235

Db 2 GAGCTCTCACTCAAT 18

RESULT 142
 US-09-521-144-34/C
 Sequence 34, Application US/09521144
 Patent No. 6306648
 GENERAL INFORMATION:
 APPLICANT: Maki, Jill M.
 APPLICANT: Kidd, Vincent J.
 TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND

TITLE OF INVENTION: THERAPEUTIC USES THEREOF
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSER: David A. Jackson, Esq.
 FIRM: R. R. Hackenack Ave., Continental Plaza, 4th
 STREET: Rte. 1
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 CONTACT: 201-343-1684
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.10
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 06/09/521,144
 FILING DATE: 06/08/98-2000
 CLASSIFICATION:
 PRIOR APPLICATION DATA: US 06/667,381
 APPLICATION NUMBER: US 06/667,381
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 1340-1-001 N
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDS: single
 TOPOLOGY: linear
 NO. OF BASE PAIRS: 18
 DESCRIPTION: /desc = "Oligonucleotide C-28"
 HYDROTHERMAL: NO

US-09-521-144-34

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pred. No. 6e+02;
 Matches 15; Conservative 2; Mismatches 0; Gaps 0;
 Db 17 TCMACCTCGTCGCTTC 1077

RESULT 143
 US-09-521-144-34-6
 Sequence 6, Application US/09357740
 Patent No. 6348596
 GENERAL INFORMATION:
 APPLICANT: David G.
 APPLICANT: Mullah, Khalid J.
 APPLICANT: Mullah, Khalid J.
 APPLICANT: Mullah, Khalid J.
 FILE REFERENCE: 9544-007
 CURRENT FILING DATE: 1999-07-20
 CURRENT APPLICATION NUMBER: US/09/357,740
 NUMBER OF SEQ ID NOS: 22
 EARLIER FILING DATE: 1998-01-23
 NUMBER OF SEQ ID NOS: 22
 SOFTWARE: Patent Ver. 2.0
 SEQ ID NO 1
 SEQUENCE: 18
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FUNCTION: INFORMATION: Description of Artificial Sequence: Primer
 US-09-357-740-6

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pctd. No. 1.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1437 CCCCCCCCCCCCCC 1433
 DB 2 CCCCCCCCCCCCCC 18

RESULT 144
 US-09-400-348-7
 Sequence 7; Application US/09400348
 GENERAL INFORMATION:
 APPLICANT: Ecker, Joseph
 APPLICANT: Altoro, Jose
 APPLICANT: JAMES GENE FOR SENSITIVITY TO ETHYLENE
 TITLE OF INVENTION: AND ETHYLENE
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 STREET: One Liberty Plaza 46th floor
 CITY: Philadelphia
 STATE: PA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 08/09/400,348
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 FILING DATE: 08/09/400,348
 ATTORNEY/AGENT INFORMATION:
 NAME: Beardsell, Lori Y.
 TELEPHONE: 215-568-3100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 nucleic acids
 STANDARDNAME: atmgag
 TOPOLOGY: linear
 ANTI-SENSE: no
 US-09-400-348-7

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pctd. No. 1.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 368 AAGACACATCACTCTC 364
 DB 2 AAGACACATCACTCTC 18

RESULT 145
 US-09-400-348-7
 Sequence 26; Application US/09478189
 GENERAL INFORMATION:
 APPLICANT: Ecker, Joseph
 APPLICANT: Altoro, Jose
 APPLICANT: JAMES GENE FOR SENSITIVITY TO ETHYLENE
 TITLE OF INVENTION: AND ETHYLENE
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 STREET: One Liberty Plaza 46th floor
 CITY: Philadelphia
 STATE: PA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 08/09/400,348
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 FILING DATE: 08/09/400,348
 ATTORNEY/AGENT INFORMATION:
 NAME: Beardsell, Lori Y.
 TELEPHONE: 215-568-3100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 nucleic acids
 STANDARDNAME: atmgag
 TOPOLOGY: linear
 ANTI-SENSE: no
 US-09-400-348-7

APPLICANT: Ecker, Joseph
 APPLICANT: Altoro, Jose
 APPLICANT: JAMES GENE FOR SENSITIVITY TO ETHYLENE
 TITLE OF INVENTION: AND ETHYLENE
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 STREET: One Liberty Plaza 46th floor
 CITY: Philadelphia
 STATE: PA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 08/09/400,348
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 FILING DATE: 08/09/400,348
 ATTORNEY/AGENT INFORMATION:
 NAME: Beardsell, Lori Y.
 TELEPHONE: 215-568-3100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 STANDARDNAME: atmgag
 TOPOLOGY: linear
 ANTI-SENSE: no
 US-09-400-348-7

Query Match 1.04; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.24; Pctd. No. 1.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 765 CCCCCCCCCCCCCC 761
 DB 1 CCCCCCCCCCCCCC 17

RESULT 146
 US-09-400-348-7
 Sequence 25; Application PC/TUS907744A
 GENERAL INFORMATION:
 APPLICANT: Ecker, Joseph
 APPLICANT: Altoro, Jose
 APPLICANT: JAMES GENE FOR SENSITIVITY TO ETHYLENE
 TITLE OF INVENTION: AND ETHYLENE
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 STREET: One Liberty Plaza 46th floor
 CITY: Philadelphia
 STATE: PA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 08/09/400,348
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 FILING DATE: 08/09/400,348
 ATTORNEY/AGENT INFORMATION:
 NAME: Beardsell, Lori Y.
 TELEPHONE: 215-568-3100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 STANDARDNAME: atmgag
 TOPOLOGY: linear
 ANTI-SENSE: no
 US-09-400-348-7

PCT-0985-07744A-25

Query Match 1.0%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pctd. No. 1.6e+02;
 Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 DB 2 NCACGCTCATCTCTCC 384

RESULT 147
 US-09-156-807-3/6
 Patent No. 6030786
 GENERAL INFORMATION:
 APPLICANT: Cogswet, Lex M.
 TITLE OF INVENTION: SYSTEMS MODULATION OF RHOc EXPRESSION
 FILE REFERENCE: RUS-0014
 CURRENT APPLICATION NUMBER: US/09/156 807
 CURRENT FILING DATE: 1998-09-18
 SEQ ID NO. 3
 SEQ ID NOS: 47
 LENGTH: 19
 TYPE: DNA
 OTHER INFORMATION: Artificial Sequence
 OTHER INFORMATION: PCR Primer
 US-09-156-807-3

Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pctd. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 17 CGTCCCATCTCTCTCC 490

RESULT 148
 US-09-422-978-7342
 Sequence 7342, Application US/09422978
 Patent No. 6539751
 APPLICANT: Blumenfeld, Marra
 APPLICANT: Cohen, Daniel
 APPLICANT: Chumakov, Ilya
 TITLE OF INVENTION: Methods for use in constructing a high density...
 FILE REFERENCE: GINSET 0200P
 CURRENT APPLICATION NUMBER: US/09/422,978
 CURRENT FILING DATE: 1999-10-20
 EXAMINER APPLICATION NUMBER: US 09/298,850
 EXAMINER APPLICATION NUMBER: US 60/109,732
 EXAMINER FILING DATE: 1998-11-23
 EXAMINER APPLICATION NUMBER: US 60/082,614
 EXAMINER FILING DATE: 1998-04-21
 NUMBER OF SEQ ID NOS: 11996
 SEQ ID NO 7342
 LENGTH: 19
 TYPE: DNA
 ORGANISM: Homo Sapiens
 FEATURES:
 NAME/KEY: primer_bind
 OTHER INFORMATION: upstream amplification primer 99-3774 for SEQ 3408,
 US-09-422-978-7342

Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pctd. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 DB 1 TCCCTCTCATCTCTCA 17

RESULT 149
 US-08-291-932A-294
 Sequence 294, Application US/08291932A
 Patent No. 5658780
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Stinchcomb, James G.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: RIBOZYMS OR COMPOUNDS
 TITLE OF INVENTION: RIBOZYMS OR COMPOUNDS
 NUMBER OF SEQUENCES: 830
 CORRESPONDENCE ADDRESS:
 ADDRESSER: Lyon & Lyon
 ADDRESS: 1133 North Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIA TYPE: 3.5" Diskette, 1.44 MB
 MEDIA TYPE: 3.5" Diskette, 1.44 MB
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA: 08/291,932A
 FILING DATE: August 15, 1994
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA: INCLUDING APPLICATION
 PRIOR APPLICATION DATA: INCLUDING APPLICATION
 PRIOR APPLICATION DATA: INCLUDING APPLICATION
 APPLICATION NUMBER: 08/245,465
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: May 18, 1994
 ATTORNEY/AGENT INFORMATION: 1992
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 INVENTOR: 67-3810 ID NO: 244
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 TOPOLOGY: linear
 US-08-291-932A-294

Query Match 0.9%; Score 13.1; DB 1; Length 15;
 Best Local Similarity 80.0%; Pctd. No. 1.6e+02;
 Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 DB 1557 ATCCGCTCATCTCCG 1571

RESULT 150
 US-08-585-6848-2046
 Sequence 2046, Application US/085856848
 Patent No. 5897021
 APPLICANT: Stinchcomb, Daniel T.
 APPLICANT: Stinchcomb, Daniel T.
 APPLICANT: McSwiggen, James
 APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND PROCESS FOR THE
 TITLE OF INVENTION: INJECTION OF GELATIN TOLERANCE
 NUMBER OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:
 ADDRESS: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: CA 90071
 COUNTRY: U.S.A.

COMPUTER READABLE FORM:
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 MEDIUM TYPE: storage

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 218/078
 REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 2046:
 SEQUENCE LENGTH: 15 base pairs
 TYPE: nucleic acid

STANDARDNESS: single
 US-09-585-0646 linear

Query Match 0.94; Score 13.4; DB 1;
 Match Local Similarity 73.3%; Pred. No. 1e-02; 1; Indels 0; Gaps 0;

Q# 1392 CTTGATGCTCTCCCG 1306
 DB 1 CAGGAGCCGCGCCGCG 15

RESUME 152
 US-09-585-0646
 Sequence 2046, Application US/0938073
 Patent No. 6194150

GENERAL INFORMATION:
 APPLICANT: McSwiggen, James
 APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND PROCESS FOR THE
 TITLE OF INVENTION: INJECTION OF GELATIN TOLERANCE
 NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:
 ADDRESS: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: CA 90071
 COUNTRY: U.S.A.

COMPUTER READABLE FORM:
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 MEDIUM TYPE: storage

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 218/078
 REFERENCE/DOCKET NUMBER: 218/078

OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Patterson Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/098/073

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 2046:
 SEQUENCE LENGTH: 15 base pairs
 TYPE: nucleic acid

STANDARDNESS: single
 US-09-585-0646 linear

Query Match 0.94; Score 13.4; DB 1;
 Match Local Similarity 73.3%; Pred. No. 1e-02; 1; Indels 0; Gaps 0;

Q# 1392 CTTGATGCTCTCCCG 1306
 DB 1 CAGGAGCCGCGCCGCG 15

RESUME 152
 US-09-585-0646
 Sequence 4004, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:
 APPLICANT: McSwiggen, James
 APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND PROCESS FOR THE
 TITLE OF INVENTION: INJECTION OF GELATIN TOLERANCE
 NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:
 ADDRESS: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: CA 90071
 COUNTRY: U.S.A.

COMPUTER READABLE FORM:
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 MEDIUM TYPE: storage

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 955-0440
 TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 2046:
 SEQUENCE LENGTH: 15 base pairs
 TYPE: nucleic acid

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0410
 TELEFAX: 67-3510
 INFORMATION FOR SEQ ID NO: 4004:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-584-040-4004

Query Match 0.9% Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 1.5e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

234 GTGAGAGAGATCCC 248
 16 GTGAGAGAGATCCC 2

RESULT 153

US-08-584-040-4006/c

Sequence 4004; Application US/08584040

GENERAL INFORMATION:

APPLICANT: Pevco, Pamela

APPLICANT: Mesiggen, James T.

APPLICANT: Recobedo, Jaime T.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

NUMBER OF SEQUENCES: 8502

ADDRESSER: Lyon & Lyon

STREET: 613 West Fifth Street

STATE: Los Angeles

COUNTRY: U.S.A.

ZIP: 90071-5066

COMPUTER REMARKS: PCOM:

MEDICAL TYPE: Rheumatoid, 1.44 NO

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

CURRENT APPLICATION DATE: 5.1

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

PRIOR APPLICATION DATE:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 955-0460

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 4006:

SEQUENCE CHARACTERISTICS:

LENGTH: 17

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-4006

Query Match 0.9% Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

231 CACTGAGAGATCCC 245
 15 CACTGAGAGATCCC 1

RESULT 154

US-09-371-7728-1771/c

Sequence 1771; Application US/093717728

GENERAL INFORMATION:

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Pevco, Pam

APPLICANT: Mesiggen, Jim

APPLICANT: Recobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/09/371,7728

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SEQ ID NO: 1771

LENGTH: 17

TYPE: RNA

US-09-371-7728-1771

Query Match 0.9% Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

234 GTGAGAGAGATCCC 248
 16 GTGAGAGAGATCCC 2

RESULT 155

US-09-371-7728-1773/c

Sequence 1773; Application US/093717728

PATENT NO. 6566127

GENERAL INFORMATION:

APPLICANT: Rhozyme Pharmaceuticals, Inc.

APPLICANT: Mesiggen, Jim

APPLICANT: Recobedo, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

TITLE OF INVENTION: Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/09/371,7728

CURRENT FILING DATE: 1999-08-10

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1996-01-08

SOFTWARE: SEQ ID NOS: 14225

SEQ ID NO 1773

LENGTH: 17

TYPE: RNA

US-09-371-7728-1773

Query Match 0.9% Score 13.4; DB 1; Length 17;


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Query Match Similarity      0.94; Score 13.4; DB 1; Length 18;
Matches          14; Conservative       0; Mismatches    1; Indels     0; Gaps     0

Qy         1238 TCTGCGCCGTCTT CTT 1112
Db         2   TCTCAGTCATCTCTA 16

RESULT 159
US-09-010-310-1
Patent No. 600754
GENERAL INFORMATION:
APPLICANT: Yon, Guilan
TITLE OF INVENTION: Antisense oligonucleotide specific RNA interference agents
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS: Callison and Company
STREET: 1 Bedford Drive
City: Franklin Lakes
STATE: New Jersey
PUBLICATION NO.: US-09-010-310-1
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CONVERTED BY IBM PC compatible
OPERATING SYSTEM: DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/010_310
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Higier, David W.
ADDRESS: 100 Park Ave., Suite 2000
REFERENCE/DOCKET NUMBER: P-4062
TELECOMMUNICATION INFORMATION:
PHONE: 908-361-5800
FAX: 908-361-5800
TELEPHONE: 201-447-6800
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
STRANDS: single strand
SYNTHESIS SINGLE TOPOLOGY: linear
MOLECULE TYPES: other nucleic acid
US-09-010-310-1

Query Match            0.94; Score 13.4; DB 1; Length 18;
Best Local Similarity  93.3%; Pred. No. 1,8e+02;
Matches           14; Conservative       0; Mismatches    1; Indels     0; Gaps     0;

              744 CGCAACATCACGC 758
Db             1 CCGAACAATCACGC 15


RESULT 160
US-09-255-888-27
Application US/09255888
Patent No. 6011707
GENERAL INFORMATION:
APPLICANT: Bect P, Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF SHAK EXPRESSION
FILE REFERENCE: RSI-0041
CURRENT APPLICATION NUMBER: US/09/255,888
DATE RECEIVED: 1999-02-23
NUMBER OF SEQ IDS: 47
SEQ ID NO 27
LENGTH: 18
```

```

1  TYPE: DNA
1  ORGANISM: Artificial Sequence
1  OTHER INFORMATION: Antisense oligonucleotide
1  US-09-285-888-27
1
1  Query Match
1  Best Local Similarity: 9.54; Score 13.4; DB 1; Length 18;
1  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1
1  Db
1  371 AACATGCTCTTCAAC 387
1  1 AAAAACTCTCTTCAAC 15
1
1  RESULT 161:
1  US-09-163-162-9
1  Sequence 9; Application US/09163162
1  Patent No. 6077709
1  OTHER INFORMATION: C. Frank
1  APPLICANT: Ackermann, Elizabeth J.
1  APPLICANT: Swagney, Eric E.
1  APPLICANT: Cosset, Les M.
1  CURRENT APPLICATION NUMBER: US/09163162
1  CURRENT FILING DATE: 1998-09-29
1  NUMBER OF SEQ ID NOS: 47
1  SEQ ID NOS: 1-47
1  LENGTH: 18
1  TYPE: DNA
1  ORGANISM: Artificial Sequence
1  OTHER INFORMATION: Antisense oligonucleotide
1  US-09-163-162-9
1
1  Query Match
1  Best Local Similarity: 9.54; Score 13.4; DB 1; Length 18;
1  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1
1  Db
1  3 TCTGCAAGCGGCTC 1005
1  1 TCTGCAAGCGGCTC 17
1
1  RESULT 162:
1  US-09-280-409-129/c
1  Sequence 129; Application US/09280409
1  Patent No. 6107092
1  OTHER INFORMATION: C. Frank
1  APPLICANT: Les M. Cosset
1  APPLICANT: C. Frank, Bennett
1  APPLICANT: Bert W. O'Malley
1  CURRENT APPLICATION NUMBER: US/09280409
1  CURRENT FILING DATE: 1999-03-25
1  NUMBER OF SEQ ID NOS: 146
1  SEQ ID NOS: 1-146
1  LENGTH: 18
1  TYPE: DNA
1  ORGANISM: Artificial Sequence
1  OTHER INFORMATION: Antisense oligonucleotide
1  US-09-280-409-129
1
1  Query Match
1  Best Local Similarity: 9.54; Score 13.4; DB 1; Length 18;
1  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1
1  1294 GGGGCGGCGCGCGCG 1308
1  1 GGGGCGGCGCGCGCGCG 1308
1

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